McAfee Security for Microsoft SharePoint 2.5.0

User Guide

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Introducing McAfee Security for Microsoft SharePoint

McAfee Security for Microsoft SharePoint 2.5 (previously known as McAfee PortalShield) provides comprehensive security for data stored on the following Microsoft SharePoint products:

- Microsoft SharePoint Server 2003/Windows SharePoint Services 2.0
- Microsoft Office SharePoint Server 2007/Windows SharePoint Services 3.0
- Microsoft SharePoint Server 2010/Windows SharePoint Foundation 2010

Contents

- Overview
- New Features
- How McAfee Security for Microsoft SharePoint Works

Overview

Microsoft SharePoint is the business collaboration platform that provides comprehensive content management and facilitates shared business processes. With Microsoft SharePoint, you can combine content from different areas of an organization into a single search portal site and allow users to find information they need in the course of their daily businesses; despite the physical location of the information on your network.

However, any system that is designed to create, save, open, and store information can be vulnerable to virus attacks.

McAfee Security for Microsoft SharePoint protects your SharePoint server by:

- Blocking viruses and other malicious code in real-time using McAfee's latest Artemis technology.
- Removing banned file types and unwanted content from your server using the file filtering/content scanning rules and actions you configure.

New Features

McAfee Security for Microsoft SharePoint 2.5 offers the following new features:

Features	Description
Support for Microsoft SharePoint Server 2010/SharePoint Foundation 2010	This release provides support for Microsoft SharePoint Server 2010/SharePoint Foundation 2010.

Features	Description
Consolidated support for Microsoft SharePoint Server 2003, 2007, and 2010	Support for Microsoft SharePoint Server versions 2003, 2007, and 2010 through a single installer.
Integration with McAfee Artemis	McAfee's latest Artemis Technology safeguards your SharePoint Server by providing real-time security from the ever-evolving threats. It enables the leverage of threat intelligence gathered by McAfee Labs to prevent damage and data theft even before a signature or DAT update is available. When a suspicious file is detected on a managed node protected by a McAfee anti-malware product with Artemis, it connects to McAfee servers in real-time and checks against the database. With real-time input from McAfee protected systems, Artemis provides an "up to the minute" repository of malware samples and information. If the suspicious file is found to be malicious, the managed node will be notified and protected. The Artemis query and response happens in milliseconds. Artemis does not replace signature files; it adds to the signature files. The signature or DAT files are required for further actions such as cleaning and repair. McAfee Artemis protection is available only if your system is connected to the Internet. Without network connectivity, managed nodes are protected by the locally stored signatures or DAT files. The traffic generated by Artemis is low and protection is available on a low speed connection too. Refer to the McAfee KnowledgeBase article at *https://kc.mcafee.com/corporate/index?page=content&id=KB68631* for more information on Artemis technology.
Support for incremental and resumable on-demand scans	Incremental on-demand scans saves time by scanning only the newly added documents in the SharePoint server without re-scanning the entire server. In resumable on-demand scan, while a scan in progress is stopped, McAfee Security for Microsoft SharePoint saves the current state of the scan task. When the same task is started later, scan will resume from the last scanned folder. In the event of a signature update while a scan is paused, McAfee Security for Microsoft SharePoint provides an option to restart the scan with the updated signature (DATs). A regular on-demand scan task can be scheduled by selecting the **Off** option on the Configuration tab of the OnDemand Task wizard.
Support for specifying file extension based exclusions	You can specify file extensions to be excluded from on-demand scanning. CAUTION: Use this feature cautiously in case a file extension might be tampered or changed.
Centralized manageability through ePolicy orchestrator	You can deploy and manage McAfee Security for Microsoft SharePoint installation across multiple managed nodes using McAfee ePolicy Orchestrator 4.0 or later. ePolicy Orchestrator offers email notifications in case of a product event.
Support for McAfee Agent 4.x or later	This release integrates with McAfee Agent 4.x or later.
Support for virtualized environment	This release is supported in virtualized environment such as VMware Workstation, VMware Server, vSphere 4.X (VMware ESX 4.X), and Hyper-V environment. For details on the supported environments for McAfee Security for Microsoft SharePoint, refer to the McAfee KnowledgeBase article at *https://kc.mcafee.com/corporate/index?page=content&id=KB68141*.
Upgrade support from McAfee PortalShield 2.0 SP1	From McAfee PortalShield 2.0 SP1, you can upgrade to McAfee Security for Microsoft SharePoint 2.5 (both standalone and through ePolicy Orchestrator).
Automatic addition of user groups to McAfee Access Control List	This version automatically adds Farm Administrator, Internet Information Services and Windows SharePoint Services User Groups to McAfee Access Control List (SdEdit.exe) during installation.

Features	Description
Support for custom port	Support for customizing the Internet Information Services port during installation, where the web interface must be hosted.
Support for magnifying graph	You can magnify the graphical reports of your detected items on your dashboard.

How McAfee Security for Microsoft SharePoint Works

McAfee Security for Microsoft SharePoint integrates with your SharePoint server and scans data in real-time for:

- Viruses and potentially unwanted programs (PUPs) — by comparing data with a list of known viruses and suspected virus-like behavior.
- Banned file types/messages and unwanted content — based on the file filtering/content scanning rules you configure.

Scanning takes place each time you create, save, or modify data on the SharePoint server. You can also schedule scans to run immediately, at a particular time, or at regular intervals.

Installation

Installing McAfee Security for Microsoft SharePoint is very simple. Following sections include important information to be considered before installation, detailed installation instructions, and post installation tasks.

Contents

- Prerequisites
- Microsoft SharePoint Server Credentials for Installing McAfee Security for Microsoft SharePoint
- Installing McAfee Security for Microsoft SharePoint
- Post-installation Tasks and Maintenance

Prerequisites

Before installing McAfee Security for Microsoft SharePoint, your system must have the following minimum system requirements and configurations.

- Hardware and Software Requirements
- Pre-installation Configuration

Hardware and Software Requirements

Before installing McAfee Security for Microsoft SharePoint, ensure you have the following minimum hardware and software requirements:

Processor	• Processor speed of 2.5 Gigahertz (GHz) or higher, dual processor, 3GHz or higher recommended. • Intel x64 architecture-based processor that supports Intel Extended Memory 64-bit Technology (Intel EM64T).
Memory	Minimum 4 Gigabyte (GB) RAM.
Available hard disk space	Minimum 500MB of free hard disk space where Microsoft SharePoint is installed.
Server operating system	• Windows 2003 Standard/Enterprise Server SP2 (32-bit or 64-bit). • Windows 2003 Standard/Enterprise Server R2 (32-bit or 64-bit). • Windows 2008 Standard/Enterprise Server (32-bit or 64-bit). • Windows 2008 Standard/Enterprise Server R2 (64-bit).
Microsoft SharePoint Server	• SharePoint Server 2003/Windows SharePoint Services 2.0 (32-bit). • Microsoft Office SharePoint Server 2007/Windows SharePoint Services version 3.0 (32-bit or 64-bit). • Microsoft Office SharePoint Server 2007 SP2/Windows SharePoint Services version 3.0 SP2 (32-bit or 64-bit).

	• SharePoint Server 2010/SharePoint Foundation 2010 (64-bit).
General	• A CD-ROM drive (if installing from a CD). • Internet Explorer 7.0 browser or later. • 1024X768 resolution or higher (recommended).

Pre-installation Configuration

To install McAfee Security for Microsoft SharePoint, you MUST log on to Microsoft Windows operating system as an administrator.

Before installing McAfee Security for Microsoft SharePoint:

- Ensure Microsoft SharePoint Server is installed on your system and functions properly.
- Other than McAfee PortalShield 2.0 SP1, uninstall any earlier versions of McAfee Security for Microsoft SharePoint from your SharePoint Server.

Microsoft SharePoint Server Credentials for Installing McAfee Security for Microsoft SharePoint

Please refer to the Microsoft SharePoint Server product documentation for instructions on installing Microsoft SharePoint Server.

Local installation

This method involves installing SharePoint Server and SQL server on the same system.

NOTE:

- If you are using SharePoint Server 2003, you will not be prompted to type your account credentials while installing McAfee Security for Microsoft SharePoint.
- If you are using Microsoft Office SharePoint Server 2007 or SharePoint server 2010, you will be prompted to type your account credentials while installing McAfee Security for Microsoft SharePoint.

  NOTE: You can use "SetSQLAct.exe" to modify your credentials in case of an incorrect entry while installing McAfee Security for Microsoft SharePoint. This utility is located in the following location:

  <Installation folder>\bin

  TIP: Usage is as follows:

  SetSqlAct.exe /USER=<username> /PASSWORD=<password> /DOMAIN=<domain>

Remote installation

This method involves installing SharePoint Server and SQL server on different systems of the same domain.

NOTE: If you are using SharePoint Server 2003, Microsoft Office SharePoint Server 2007 or SharePoint server 2010, you will be prompted to type your account credentials while installing McAfee Security for Microsoft SharePoint.

You can use "SetSQLAct.exe" to modify your credentials in case of an incorrect entry while installing McAfee Security for Microsoft SharePoint. This utility is located in the following location:

<Installation folder>\bin

TIP: Usage is as follows:

SetSqlAct.exe /USER=<username> /PASSWORD=<password> /DOMAIN=<domain>

Installing McAfee Security for Microsoft SharePoint

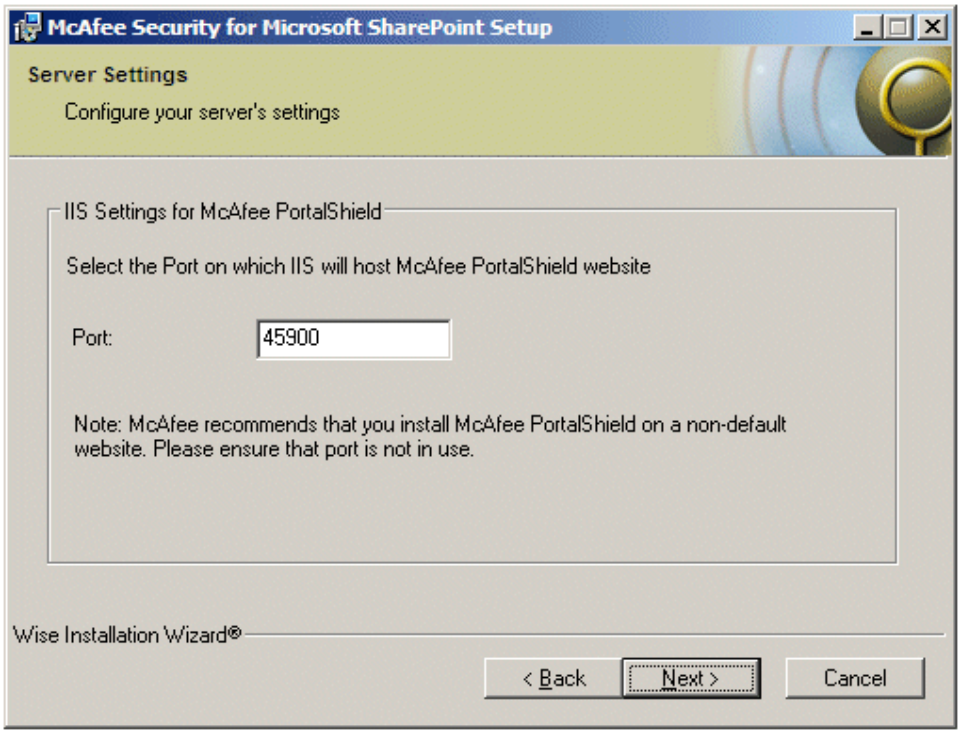
McAfee distributes the McAfee Security for Microsoft SharePoint software in any of the following ways:

- As an archived file that you can download from the McAfee website.
- On a CD.

Before you begin

Please refer to the "Prerequisites" section.

1. To install the McAfee Security for Microsoft SharePoint, perform one of the following steps, depending on how you obtained the software installation package:
   - Insert the CD into the computer's CD-ROM drive and copy the installation files to your system.
   - Download the .ZIP archive and extract the files to a temporary location on your system.
2. Double-click **setup.exe**. If the software is a licensed version, the **McAfee End User License Agreement** dialog box appears.
3. From the drop-down lists, select the license expiry type and the location from where you purchased the software.
4. Accept the terms in the license agreement, then click **OK**. The software installation wizard appears leading the installation process through a series of instructions you must follow.
5. Click **Next**. The following window appears.

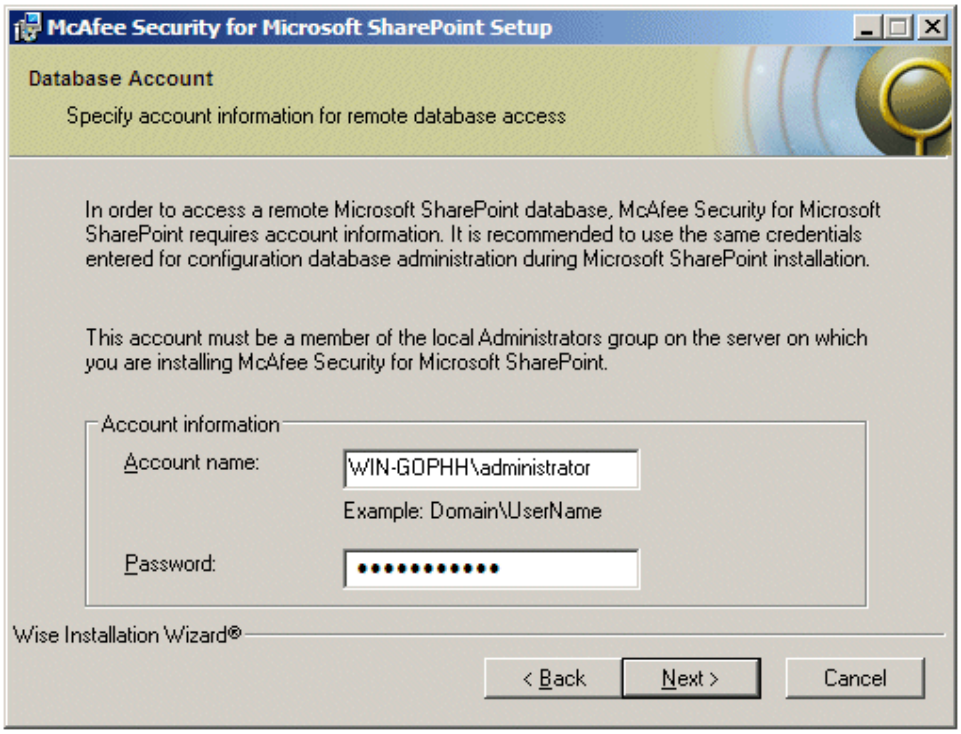

McAfee Security for Microsoft SharePoint Setup
Server Settings
Configure your server's settings
IIS Settings for McAfee PortalShield
Select the Port on which IIS will host McAfee PortalShield website
Port:
45900
Note: McAfee recommends that you install McAfee PortalShield on a non-default website. Please ensure that port is not in use.
Wise Installation Wizard®
< Back
Next >
Cancel

6 McAfee Security for Microsoft SharePoint is installed on the default port 45900. Specify a custom port on which the Microsoft Internet Information Server must host McAfee Security for Microsoft SharePoint, then click **Next**. The Destination Folder dialog box appears.

7 Click **Next** to install McAfee Security for Microsoft SharePoint in the default location.

TIP: You can select a different location for installing McAfee Security for Microsoft SharePoint by clicking **Browse**. Select another location, click **OK** to return to the installation wizard, then click **Next**.

The Database Account dialog box appears.


McAfee Security for Microsoft SharePoint Setup
Database Account
Specify account information for remote database access
In order to access a remote Microsoft SharePoint database, McAfee Security for Microsoft SharePoint requires account information. It is recommended to use the same credentials entered for configuration database administration during Microsoft SharePoint installation.
This account must be a member of the local Administrators group on the server on which you are installing McAfee Security for Microsoft SharePoint.
Account information
Account name:
WIN-GOPHH\administrator
Example: Domain\UserName
Password:
Wise Installation Wizard®
< Back
Next >
Cancel

NOTE: Setting database account information applies only to:

- Microsoft SharePoint Server 2003 and Windows SharePoint Services installations that use a remote SQL database server.
- Microsoft Office SharePoint Server 2007 (Local and Remote SQL installation).
- Microsoft SharePoint Server 2010 (Local and Remote SQL installation).

8 Type your account name (domain or workgroup\username) and password, then click **Next**.

NOTE:

- For Remote SharePoint 2003 installations (where SQL Server is installed on a Remote system), type the credentials of the system where SQL Server is installed.
- For Microsoft Office SharePoint 2007 installations and SharePoint 2010 installations (both Local and Remote SQL installation), type the credentials of the system where SharePoint is installed.

  For example: Domain\UserName or Workgroup\UserName.

NOTE: The account credentials are validated by the server. The account must be a member of the local Administrator's group on the server on which you are installing McAfee Security for Microsoft SharePoint. If the user credentials cannot be resolved by the server, a warning dialog box appears prompting you to check your credentials.

Verify if you have entered correct credentials. If you are sure that the user credentials are correct, click **OK**, then click **Next** to override the warning and proceed with the installation process with unresolved account information.

TIP: You can use "SetSQLAct.exe" to modify your credentials in case of an incorrect entry while installing McAfee Security for Microsoft SharePoint. This utility is located in the following location:

<Installation folder>\bin

Usage is as follows:

SetSqlAct.exe /USER=<username> /PASSWORD=<password> /DOMAIN=<domain>

The Ready to Install the Application dialog box appears.

9 Click **Next**. The installation process begins. A progress bar appears indicating the status of the installation process.

TIP: After the installation is complete, before clicking **Finish**, you can select or deselect the following options as required:

- **View Readme** — To read the McAfee Security for Microsoft SharePoint release notes that describes the product features, last-minute changes to the documentation, and any known behavior or other issues with the product.
- **Launch User Interface** — To launch the graphical user interface of McAfee Security for Microsoft SharePoint. This will launch the product in standalone mode.
- **Update Now** — To download the latest product updates to ensure you are running the most current security to combat the ever-evolving threats. Your system must be connected to the Internet to receive automatic updates regularly.

10 Click **Finish**. McAfee Security for Microsoft SharePoint is ready to use.

NOTE: You can use McAfee Security for Microsoft SharePoint as a standalone product or as a web-based user interface.

Post-installation Tasks and Maintenance

McAfee Security for Microsoft SharePoint provides utilities to maintain your installation.

Contents

▸ Testing Your Installation
▸ Maintaining Your Installation

Testing Your Installation

After installing McAfee Security for Microsoft SharePoint, we recommend that you test the installation to ensure that the software is installed properly and can detect viruses and other unwanted content in a document.

You can test the operation of the McAfee Security for Microsoft SharePoint software by running the EICAR Standard Anti-virus Test File on any computer where you have installed the software.

NOTE: The EICAR Standard Anti-virus Test File is a combined effort by anti-virus vendors throughout the world to implement one standard by which customers can verify their anti-virus installations.

Contents

▸ Testing the On-Access Scanner
▸ Testing the On-Demand Scanner Configuration from McAfee Security for Microsoft SharePoint Dashboard
▸ Testing the On-Demand Scanner from McAfee Security for Microsoft SharePoint

Testing the On-Access Scanner

1. Launch the Microsoft SharePoint server.
2. Copy the following line into its own file, then save the file with the name EICAR.TXT:
   X5O!P%@AP[4\PZX54(P^)7CC)7}$EICAR-STANDARD-ANTIVIRUS-TEST-FILE!$H+H*
   The file size will be 68 or 70 bytes.

   NOTE: If you have any other security software installed on your server (such as McAfee VirusScan Enterprise), you must disable its scanner during this process. This is to prevent the file being identified by another security software.

3. Start the McAfee Security for Microsoft SharePoint software and add the EICAR.TXT file to your Microsoft SharePoint SharePoint server. The McAfee Security for Microsoft SharePoint on-access scanner action is configured to **Prevent Upload/Download of the Item** and hence the file is not saved on your SharePoint server.

Testing the On-Demand Scanner Configuration from McAfee Security for Microsoft SharePoint Dashboard

1. From the McAfee Security for Microsoft SharePoint dashboard, click **On-Access Settings**.

   NOTE: By default, the **On-Access Settings** for McAfee Security for Microsoft SharePoint is enabled.

2. Click **On-Access Settings** to disable it.
3. Deselect **Scan documents on upload** and **Scan documents on download**, then click **OK**.

Testing the On-Demand Scanner from McAfee Security for Microsoft SharePoint

1. Launch the Microsoft SharePoint administration interface by clicking **Start | Programs | SharePoint Portal Server | SharePoint Central Administration**.
2. Click **Configure anti-virus settings** under **Security Configuration**.
3. Deselect **Scan documents on upload** and **Scan documents on download**.
4. Delete the previous copy of EICAR.TXT from the document store.
5. Add EICAR.TXT back into the document store. Schedule an on-demand scan for that document store. The McAfee Security for Microsoft SharePoint software reports finding the EICAR test file as per the default on-demand policy setting **Replace item with an alert**.
6. Delete the file when you have finished testing your installation to avoid alarming unsuspecting users.
7. Ensure that you re-enable on-access scanning to provide real-time protection against viruses and unwanted files and content within your SharePoint computer.

   NOTE: This EICAR test file is NOT A VIRUS. If you have disabled any other anti-virus software during these tests, remember to re-enable them.

Maintaining Your Installation

You can repair or remove McAfee Security for Microsoft SharePoint.

Contents

- Repairing the McAfee Security for Microsoft SharePoint Installation
- Uninstalling McAfee Security for Microsoft SharePoint

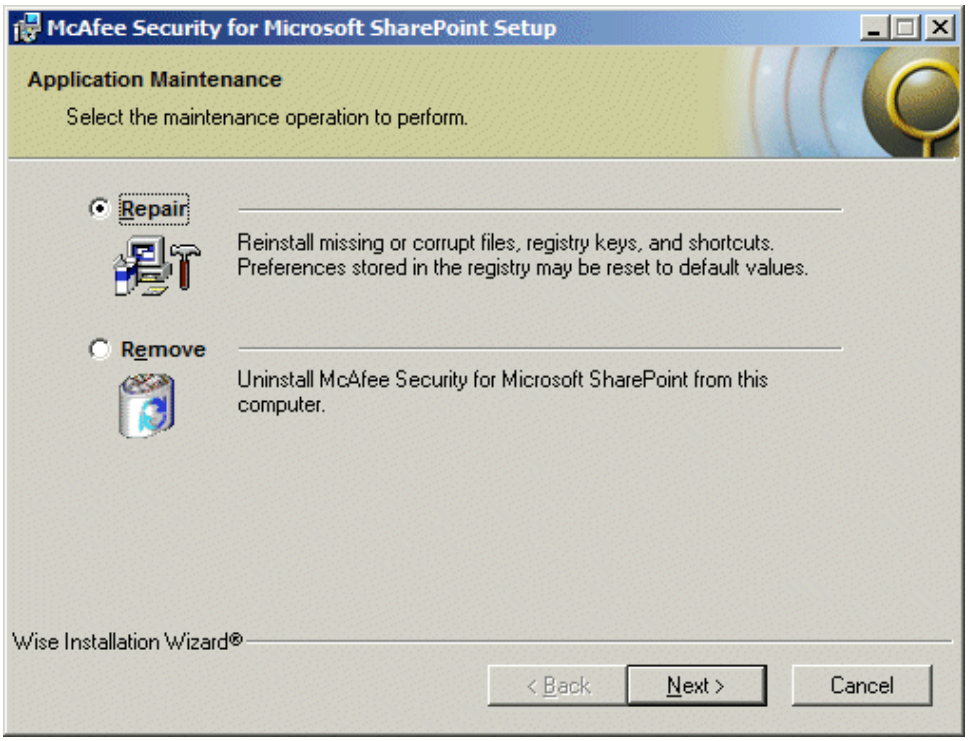
Repairing the McAfee Security for Microsoft SharePoint Installation

Repairing the McAfee Security for Microsoft SharePoint installation detects the presence of McAfee Security for Microsoft SharePoint on your system, replaces all binaries and configuration file settings with the original files without changing the McAfee Security for Microsoft SharePoint database.

Prerequisite

You must have McAfee Security for Microsoft SharePoint installed on your system.

1. Click **Start | Settings | Control Panel**.
2. Double-click **Add/Remove Programs**. The **Add/Remove Program** window appears.
3. Click **McAfee Security for Microsoft SharePoint** from the list.
4. Click **Change**. The installation wizard appears followed by the **Application Maintenance** dialog box.


McAfee Security for Microsoft SharePoint Setup
Application Maintenance
Select the maintenance operation to perform.
Repair
Reinstall missing or corrupt files, registry keys, and shortcuts.
Preferences stored in the registry may be reset to default values.
Remove
Uninstall McAfee Security for Microsoft SharePoint from this computer.
Wise Installation Wizard®
< Back
Next >
Cancel

5. The **Repair** option is selected by default. Click **Next**. The **Database Account** dialog box appears.

   NOTE: Setting database account information applies only to:

   - Microsoft SharePoint Portal Server 2003 and Windows SharePoint Services installations that use a remote SQL database server.
   - Microsoft Office SharePoint Server 2007 (Local and Remote SQL installation).
   - Microsoft SharePoint Server 2010 (Local and Remote SQL installation).

6 Modify the **Account Information** as required. If the user credentials cannot be resolved by the server, a warning dialog box appears prompting you to check your credentials. Verify if you have entered correct credentials. If you are sure that the user credentials are correct, click OK, then click **Next** to override the warning and proceed with the repair process with unresolved account information.
The **Ready to repair the Application** dialog box appears.

NOTE: A repair installation will reset the DAT and engine files to the version originally installed by the product. It is recommended to run an update after installation.

7 Click **Next**. The **Updating System** window appears. After McAfee Security for Microsoft SharePoint is updated, a confirmation message is displayed.

TIP: Before clicking **Finish**, you can select or deselect the following options as required:

- **Launch User Interface** — To launch the graphical user interface of McAfee Security for Microsoft SharePoint.
- **Update Now** — To download the latest product updates to ensure you are running the most current security to combat the ever-evolving threats.

8 Click **Finish**.

Uninstalling McAfee Security for Microsoft SharePoint

You can uninstall PortalShield for Microsoft SharePoint by using the Add/Remove Programs feature of Windows.

1 Click **Start** | **Settings** | **Control Panel**.

2 Double-click **Add/Remove Programs**. The Add/Remove Program window appears.

3 Click **McAfee Security for Microsoft SharePoint** from the list, then click **Uninstall**.

TIP: Alternatively, you can double-click **McAfee Security for Microsoft SharePoint** from the list.

4 Click **Yes**. A progress bar appears displaying the uninstallation status.
After uninstallation completes, the product name is removed from the Add/Remove Programs list.

Getting Started with the User Interface

It is important for administrators to know how well their data on the SharePoint Server is being protected in real-time from viruses and banned content. The McAfee Security for Microsoft SharePoint user interface has an integrated dashboard that provides administrators with the latest statistics of detected items, scan and update event items, and the product version and license information.

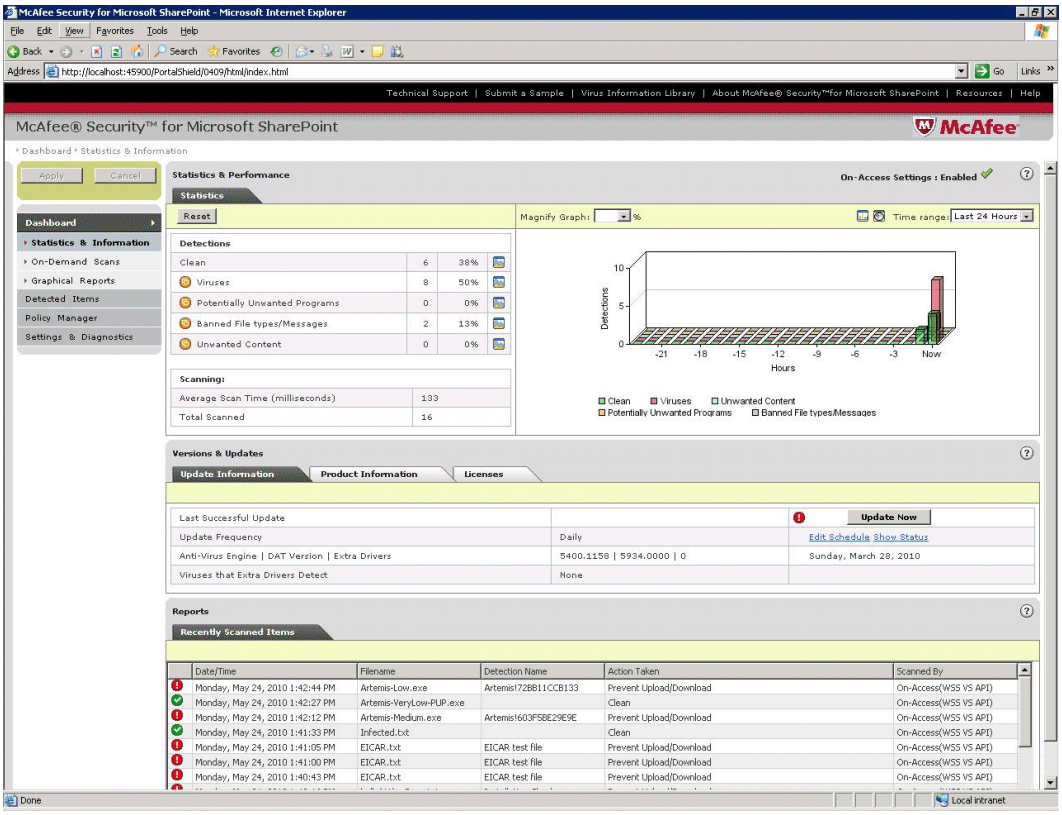
The left pane of the user interface displays items namely **Dashboard**, **Detected Items**, **Policy Manager**, and **Settings & Diagnostics**. The right pane shows information depending on the item selected in the left pane.

Contents

- Dashboard
- Detected Items
- Policy Manager
- Settings and Diagnostics

Dashboard

Dashboard gives an overview of the latest detections, graphical view of these detections, product updates, version and license information, and reports of the recently scanned items.



Contents

- Statistics and Information
- Scheduling a New On-demand Scan
- Graphical Reports

Statistics and Information

This is the default section that appears on launching the user interface. The Statistics & Information screen is further divided into three sections namely:

- Statistics
- Versions and Updates
- Reports

Statistics

Statistics displays the number and percentage of:

- Items that are clean (not infected).
- Items infected with viruses, potentially unwanted programs, banned file types/messages and unwanted content.

You can view the statistics of these items in a graph. Click the following options:

- — To view statistics as a bar graph.
- — To view statistics as a pie chart.

You can also use the following options:

- **Reset** — Click to reset the statistics of all detected items on your dashboard.
- — Click the icon of the corresponding detected item to see its statistics in the graph. Clicking it again hides the statistics in the graph.
- **Magnify Graph** — Select an option from the drop-down list to view the magnified graph.
- **Time Range** — Select a time range from the drop-down list from the time you want to view the statistics.
- **Average Scan Time (milliseconds)** — You can view the average time that was taken to scan an item on your SharePoint server.
- **Total Scanned** — You can view the total number of items that were scanned.

Versions and Updates

This section has three tabs namely:

- **Update Information** — This tab displays the instant of the last successful product update, frequency of the downloading of updates, anti-virus engine and DATs versions, extra drivers, and the virus information detected by these extra drivers.

  McAfee regularly provides DAT files to detect and clean the latest threats. Click **Update Now** to update the most up-to-date virus protection available.

  TIP: Click **Show Status** to view the status of the last update or **Edit Schedule** to schedule a new frequency for downloading product updates.

- **Product Information** — This tab displays the product name and version, service pack and the hotfix details.
- **Licenses** — This tab displays the product name and the type of the license of the product.

Reports

The **Recently Scanned Items** tab displays a list of items that were recently scanned on your SharePoint server. It also shows the date and time of the scan, name of the item and detection, action taken after the scan, type of scan, task name, and the policy that was specified for the scan.

TIP: You can configure this section using the *Dashboard Settings* section in *Settings & Diagnostics*.

Scheduling a New On-demand Scan

On-demand scan allows you to schedule scan tasks at convenient times to scan all items on your SharePoint server for threats. You can create multiple on-demand scan tasks; each running automatically at pre-determined intervals.

TIP: To improve scan time and performance, you can create multiple scan tasks to run parallelly for various repositories.

1. On the left pane of the user interface, click **Dashboard** | **On-Demand Scans**. The On-Demand Scans page appears.
2. Click **New Scan**. The Schedule an on-demand scan page appears.
3. Schedule the scan as required, then click **Next**.

4 Select the desired folder(s) and click **>>** to move the folder(s) from Available folders to Folders to scan.

5 Select one of the following options:

- **Scan all folders** — All folders in **Folders to scan** will be scanned.
- **Scan selected folders** — Selected folders in **Folders to scan** will be scanned.
- **Scan all except selected folders** — Folders except the selected ones in **Folders to scan** will be scanned.

6 Click **Next**.

7 In Excluded file extension(s), specify the extensions of files that must be excluded from the scan, then click **Next**.

8 In Advanced, select one of the following options:

- **Off** — To schedule a normal on-demand scan task without resumable and incremental scan options.
- **Resumable Scanning** — To save the last scan so that it can resume from where it has stopped, when started later. You can also select the option **Restart scan if DAT changed** so that, in the event of a DAT update, the scan can be restarted with the updated DATs.
- **Incremental Scanning** — To scan only the newly added items of your SharePoint server. You can select to scan from the last scanned date or even scan by specifying the date and time of the last scan.

9 Click **Next**.

10 Type a name for the task.

11 Click **Finish,** then **Apply**.

TIP: **Apply** is located at the top left corner of the user interface.

NOTE: To modify this scan task, click **Modify**, then repeat instructions from step 3 to step 11. To delete the scan task, click **Delete**. To run the scan immediately, click **Run Now**.

Graphical Reports

Use Graphical Reports to get an explicit view of a graph of detected items.

This screen has two tabs:

- Simple
- Advanced

Viewing simple reports

1 Click **Dashboard | Graphical Reports**. The Graphical Reports page displays the Simple tab by default.

2 From **Time Span**, select **Today** or **This Week** as required.

3 From Filter, select an option as required, then click **Search**.

Viewing advanced reports

You can set filters to narrow your search criteria in the Advanced tab.

1 Click **Dashboard** | **Graphical Reports**. The Graphical Reports page appears.

2 Click **Advanced**.

3 Select at least one filter; you can select up to three of the following filters:
   - **Subject**
   - **Recipient**
   - **Reason**
   - **Ticket Number**
   - **Deleted Items**

4 Select **All Dates** to include all the dates, else select **Date Range** and select the required date range from the drop-down menus.

5 Select **Bar Graph** or **Pie Chart** as required.

6 Click **Search**.

   NOTE: Click **Clear Filter** to return to the default filter values.

Detected Items

Detected Items displays information about items that contain viruses, potentially unwanted programs, banned file types or messages, unwanted contents and all items. You should select at least one search filter; however you can use up to three search filters to narrow your search.

Contents

- Viruses
- Potentially Unwanted Programs
- Banned File Types or Messages
- Unwanted Content
- All Items

Viruses

Virus is a program that replicates itself, multiplies and destroys another useful programs, boot sectors, partition sectors or documents supporting macros by inserting or attaching itself to that medium.

1 Click **Detected Items** | **Viruses**.

2 From the Virus Detections screen, select up to three search filters from the following:
   - **Filename**
   - **Action Taken**
   - **Folder**
   - **Detection Name**
   - **Ticket Number**
   - **Scanned By**
   - **Policy Name**

3 Select **All Dates** to include all entries or select **Date Range** and the required date range from the drop-down lists.

4 Click **Search**. A list of viruses matching your search criteria is displayed in the View Results pane.

NOTE: Click **Clear Filter** to return to the default search filter settings.

Potentially Unwanted Programs

Potentially Unwanted Programs are the software programs written by legitimate companies which, if installed, may alter the security state or the privacy posture of your system.

1 Click **Detected Items | Potentially Unwanted Programs**.

2 From the Potentially Unwanted Programs screen, select up to three search filters:

- **Filename**
- **Action Taken**
- **Folder**
- **Detection Name**
- **Ticket Number**
- **Scanned By**
- **Policy Name**

3 Select **All Dates** to include all entries or select **Date Range** and the required date range from the drop-down lists.

4 Click **Search**. A list of potentially unwanted programs matching your search criteria is displayed in the View Results pane.

NOTE: Click **Clear Filter** to return to the default search filter settings.

Banned File Types or Messages

Banned file types are the file formats that are banned by a network administrator.

1 Click **Detected Items** | **Banned File types/Messages**.

2 From the Banned File types/Messages screen, select up to three search filters from the following:

- **Filename**
- **Action Taken**
- **Folder**
- **Detection Name**
- **Ticket Number**
- **Scanned By**
- **Policy Name**

3 Select **All Dates** to include all entries or select **Date Range** and the required date range from the drop-down lists.

4 Click **Search**. A list of banned file types matching your search criteria is displayed in the View Results pane.

NOTE: Click **Clear Filter** to return to the default search filter settings.

Unwanted Content

1. Click **Detected Items** | **Unwanted Content**.
2. From the Unwanted Content screen, select up to three search filters:
   - **Filename**
   - **Folder**
   - **Detection Name**
   - **Ticket Number**
   - **Scanned By**
   - **Policy Name**
3. Select **All Dates** to include all entries or select **Date Range** and the desired date range from the drop-down lists.
4. Click **Search**. A list of files containing unwanted content is displayed in the View Results pane.

   NOTE: Click **Clear Filter** to return to the default search filter settings.

All Items

1. Click **Detected Items** | **All Items** .
2. From the All Items screen, select up to three search filters:
   - **Filename**
   - **Folder**
   - **Detection Name**
   - **Reason**
   - **Ticket Number**
   - **Scanned By**
   - **Policy Name**
3. Select **All Dates** to include all entries or select **Date Range** and the desired date range from the drop-down lists.
4. Click **Search**. A list of all items matching your search criteria is displayed in the View Results pane.

   NOTE: Click **Clear Filter** to return to the default search filter settings.

View Results Pane

From the View Results pane of all the detected items, you can:

- Download a quarantined document. Select a record from the View Results pane and click **Download**.
- Export and save records in .CSV format. Select a record from the View Results pane and click **Export to CSV File**.

- Submit a quarantined item to Avert if the option is enabled. Select a record from the View Results pane, then click **Submit to Avert**.

NOTE: All quarantined items are stored in a new database called PostgreSQL.

Policy Manager

You can use Policy Manager to specify policies that determine actions taken on different types of threats when detected.

Master policy is the default policy for both on-access and on-demand policies. It is configured to cover most of the situations. You can create subpolicies for any exceptional situations that are not covered by the Master policy.

NOTE: Master policy cannot be deleted because there must always be a policy from which others can be created. You can specify the order in which subpolicies are applied. Subpolicies take priority over the Master policy.

Contents

- Policy Manager Views
- Creating a Subpolicy
- Policy Settings
- Scanners and Filters
- Shared Resource

Policy Manager Views

Policy Manager has the following two views:

- Inheritance View
- Advanced View

Inheritance View

Inheritance View enables you to view policies that have inherited settings from another policy.

The policy that inherits the settings is known as the "child policy", and the policy from which it inherits those settings is known as the "parent policy". A child policy is indented below its parent policy.

For example, a policy might inherit the anti-virus settings but not the file filtering settings.

You can use:

- The **Name** of the policy — to edit its settings.
- **Priority** column — to view the order in which policies are applied.
- **Create Sub-Policy** — to create a subpolicy.
- **Delete** — to delete a subpolicy that is no longer required.
- **Enabled** — to enable or disable a subpolicy. If you select this option, the subpolicy is enabled.
- **Apply** — to apply the settings/changes you configure.

Advanced View

Advanced View enables you to use the arrows in the **Move** column to change the order in which any subpolicies are applied.

You can use:

- The **Name** of the policy — to edit its settings.
- **Create Sub-Policy** — to create a subpolicy.
- **Enabled** — to enable or disable a subpolicy. If you select this option, the subpolicy is enabled.
- **Delete** — to delete a subpolicy that is no longer required.
- **Details** — to view the description of the policy and its parentage.
- **Apply** — to apply the settings/changes you configure.

Creating a Subpolicy

1. From **Policy Manager**, select a submenu item **On-Access** or **On-Demand** for which you want to create a subpolicy.
2. Click **Create Sub-Policy**. The Create a sub-policy page appears.
3. In Initial configuration, type a name for the subpolicy that identifies the policy.
4. Type a description (optional) for the policy.
5. From the drop-down menu, select the **Parent Policy** for the subpolicy.
6. Click **Next**. The Trigger rules page appears.
7. Click **New Rule**.

   You can select from the following policy rule templates and specify the file names accordingly:

   - **The file name is file name**
   - **The file name is not the file name**

   TIP: If you do not want to perform instructions in step 7, you can just copy rules from an existing policy by selecting it in the drop-down list.

8. Click **Add**.

   NOTE: You can add multiple rules as required by repeating instructions in step 7 and step 8.

9. Specify a condition when the policy must be triggered. **Select Any of the rules apply**, **All rules apply** or **None of the rules apply**.
10. Click **Next**. The Scanners and filters page appears.
11. In the Policy scanners and Filters initialization page, select one of these options as required:

    - **Inherit all settings from the parent policy**
    - **Initialize selected settings with values copied from another policy**

      In this case, select the required scanners and filters.

12. Click **Finish**, then **Apply**. The subpolicy is displayed on the submenu item page of the Policy Manager selected in step 1.

Policy Settings

You can set up policies that determine how different types of threats are treated for different groups of users or databases stored on the server. Each policy specifies the settings and actions that are used by the policy and the actions taken when a detection is triggered in the SharePoint environment. The settings are given names and can be used by many policies at the same time. However the actions are specific to a particular policy.

1 From **Policy Manager**, select a submenu item **On-Access** or **On-Demand**.

2 Click on a policy for which you want to specify the settings and actions. The policy page displays three tabs:

- List All Scanners
- View Settings
- Specify Users

List All Scanners

The List All Scanners tab lists the core scanners, filters, and miscellaneous options. The type of settings that are available depend on the scanner/filter being selected.

- **Core Scanners** — You can configure settings for each scanner. Core scanners include:
  - Anti-Virus Scanner
  - Content Scanning
  - File Filtering

  NOTE: For detailed description of the Core Scanners mentioned above, refer to the *Scanners and filters* section.

- **Filters** — You can configure settings for each filter. Filters include:
  - Corrupt Content
  - Protected Content
  - Encrypted Content
  - Signed Content
  - Password-Protected Files
  - Scanner Control

  NOTE: For detailed description of the Filters mentioned above, refer to the *Filters* section.

- **Miscellaneous** — This option is available only for on-demand policy. You can configure settings for alert messages. Miscellaneous settings include:
  - Alert Settings

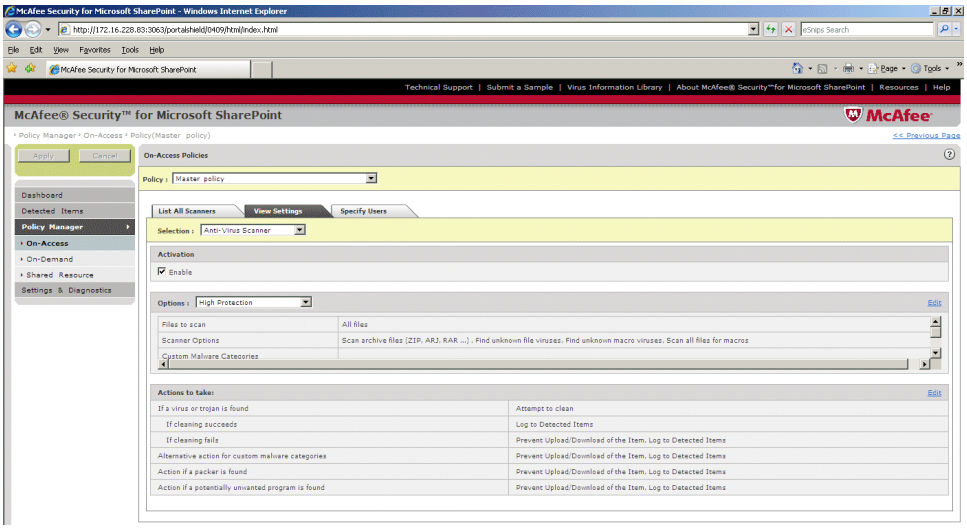
  NOTE: For information on miscellaneous option, refer to the *Miscellaneous* section.

Selecting a core scanner, filter or miscellaneous option takes you to the View Settings tab.

View Settings

The View Settings tab displays a summary of the settings configured for a selected policy and a selected scanner/filter/miscellaneous options. It also allows you to change those settings.

The following figure shows the View Settings tab for Anti-Virus Scanner of on-access policy.



Specify Users

The **Specify Users** tab allows you to specify policy rules for specific users.

To create a new rule for a specific user:

1 In Specify Users tab, click **New Rule**.

You can select from the following policy rule templates:

- **The file name is file name**
- **The file name is not the file name**

TIP: If you do not want to perform instructions in step 7, you can just copy rules from an existing policy by selecting it in the drop-down list.

2 Click **Add**.

NOTE: You can add multiple rules as required by repeating instructions in step 2 and step 3.

3 In the Specify who this policy applies to pane, specify the conditions where the policy will trigger. Select **Any of the rules apply**, **All rules apply**, or **None of the rules apply** for the specific user.

4 Click **Apply**.

Adding Scanner/Filter

1 From **Policy Manager**, select a submenu item **On-Access** or **On-Demand**. The policy page for the selected submenu item appears.

2 Click on a policy.

3 Click **Add Scanner/Filter**. The Create time-constrained configuration page appears.

4 Specify the required scanner/filter category from the drop-down menu.

5 In When to use this instance, specify whether you want to use an existing time slot or create a new one for this time-constrained policy.

6 If you select **Select existing time slot**, select one of the following from the drop-down list:

- **Weekdays**
- **Weekends**
- **Working hours**

7 If you select **Create a new time slot**, specify a name for the new time slot and select the desired day(s) and time.

8 Click **Save**, then **Apply**.

Scanners and Filters

Policy Manager has core scanners, filters and miscellaneous options. Each of them are explained in detail below.

▸ Core Scanners
▸ Filters
▸ Miscellaneous

Core Scanners

Core scanners include:

▸ Anti-Virus Scanner
▸ Content Scanning
▸ File Filtering

Anti-Virus Scanner

Anti-Virus Scanner consists of computer programs that attempt to identify, thwart, and eliminate computer viruses and other malicious software.

1 From **Policy Manager**, select a submenu item **On-Access** or **On-Demand**. The policy page for the selected submenu item appears.

2 Click on a policy.

3 Click **Anti-Virus Scanner**. The View Settings tab for the anti-virus scanner appears.

4 In Activation, select **Enable** to enable the anti-virus scanner settings for this policy.

5 In Options, select one of the following anti-virus option set that you want to view or configure:

- **High Protection** — to view and configure settings that are applied when a high level of protection is required.
- **Medium Protection** — to view and configure settings that are applied when a medium level of protection is required.
- **Lower Protection** — to view and configure the settings that are applied when a low level of protection is required.
- **Create new set of options** — to create a new set of anti-virus options for this policy.

NOTE: For step-by-step instructions to create new set of options, refer to the *Creating new set of options in Anti-Virus Scanner* section.

6 In Actions to take, you can view/edit a summary of the actions that will be taken in different circumstances. To change those actions, click **Edit**.

NOTE: For information on editing anti-virus scanner actions, refer to the *Editing anti-virus scanner actions* section.

Tasks

- Creating New Set of Options in Anti-virus Scanner
- Editing Anti-virus Scanner Actions
- Primary and Secondary Actions

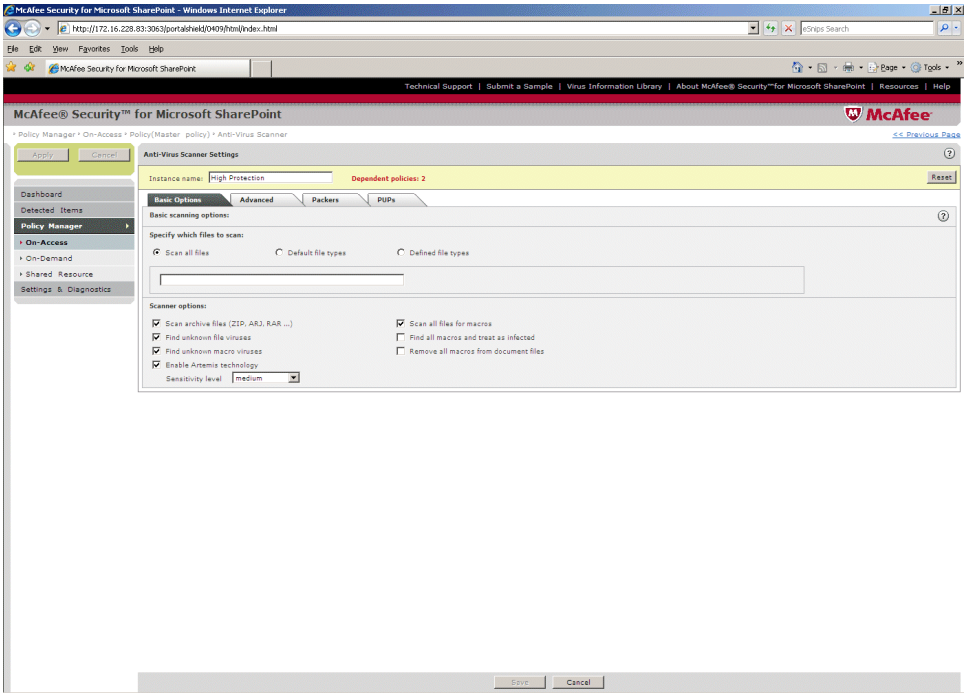
Creating New Set of Options in Anti-virus Scanner

1 From **Policy Manager**, select a submenu item **On-Access** or **On-Demand**. The policy page for the selected submenu item appears.

2 Click on a policy.

3 Click **Anti-Virus Scanner**. The View Settings tab for the anti-virus scanner appears.

4 In the Options drop-down list, click **Create new set of options**. The Anti-Virus Scanner Settings page displays four tabs as shown in the following figure.



5 In Basic Options, under Specify which files to scan, select one of the following options:

- **Scan all files** — to specify that all files must be scanned, regardless of their type.
- **Default file types** — to specify that only the default file types should be scanned.
- **Defined file types** — to define the file types to be scanned.

6 In Scanner Options, select the scanner options you require. You can select:

- **Scan archive files (ZIP, ARJ, RAR,...)** — to scan inside archive files, such as ZIP files.
- **Find unknown file viruses** — to use heuristic analysis techniques to search for unknown viruses.

- **Find unknown macro viruses** — to find unknown viruses in macros.
- **Enable Artemis technology** — to enable McAfee's Artemis technology for safeguarding your SharePoint server from the ever-evolving threats. You can select a sensitivity level from the drop-down list.

Sensitivity Level	Description
Disabled	Artemis technology is turned off.
Very Low	Equivalent to next days DATs. Get tomorrow's protection today. Recommended initial configuration.
Low	Protection in addition to DATs.
Medium	Used when the risk of regular exposure to malware is greater than the risk of a false positive.
High	Recommended for use in SharePoint Repositories which are regularly infected.
Very High	Recommended for use in On-Demand Scans on SharePoint Repositories.

TIP: Refer to the McAfee KnowledgeBase article at *https://kc.mcafee.com/corporate/index?page=content&id=KB68631* for more information on Artemis technology.

- **Scan all files for macros** — to scan all files for macros.
- **Find all macros and treat as infected** — to find macros in files and treat them as infected items.
- **Remove all macros from document files** — to remove all macros from the document files.

7 In Advanced tab, under Custom malware categories, specify the items that must be treated as malware. There are two ways to select malware types:

- Select the malware types from the list of options in Custom malware categories.
- Select **Specify detection names**, then click **Add**.

NOTE: When adding a malware name, you can use wildcards for pattern matching.

8 Select or deselect the option **Do not perform custom malware check if the object has already been cleaned** to specify if items that have already been cleaned successfully must be re-subject to the custom malware check or not.

9 In Clean Options, specify what happens to files that are reduced to zero bytes after being cleaned. Select any one of the following:

- **Keep zero byte file** — to keep files that have been cleaned and is of zero bytes.
- **Remove zero byte file** — to remove any file that is of zero bytes after being cleaned.
- **Treat as a failure to clean** — to treat zero byte files as if they cannot be cleaned, and apply the failure to clean action.

10 In Packers, use:

- **Enable detection** — to enable or disable the detection of packers.
- **Exclude specified names** — to specify which packers can be ignored.
- **Include only specified names** — to specify the packers you want the software to detect.
- **Add** — to add packer names to a list.
- **Delete** — to remove packer names from a list.

11 In PUPs, you can enable the PUP detection. Click on the disclaimer link and read the disclaimer before enabling PUP detection option. You can also enable detection for the following PUPs:

- **Spyware**
- **Adware**
- **Remote Administration Tools**
- **Dialers**
- **Password Crackers**
- **Joke programs**
- **Cookies**
- **Other potentially unwanted programs** not included in the above categories.

12 You can also use:

- **Exclude specified names** — to list the PUPs that you want the software to exclude. For example, if you have enabled spyware detection, you can create a list of spyware programs that you want the software to exclude.
- **Include only specified names** — to list the PUPs that you want the software to detect. For example, if you enable spyware detection, and specify only specific spyware programs to be detected, all other spyware programs are ignored.
- **Add** — to add PUP names to a list. You can use wildcards to match names.
- **Delete** — to remove PUP names from a list.

NOTE: The McAfee website *http://vil.nai.com/vil/default.aspx* contains a list of PUP names. Use the **Search in Category** option to select **Potentially Unwanted Programs**.

13 Click **Save**, then **Apply**.

Editing Anti-virus Scanner Actions

1 From **Policy Manager**, select a submenu item **On-Access** or **On-Demand**. The policy page for the selected submenu item appears.

2 Click on the desired policy.

3 Click **Anti-Virus Scanner**. The View Settings tab for the anti-virus scanner appears.

4 In Actions to take, click the **Edit** link. The Anti-Virus Scanner Actions page appears.

5 In Cleaning tab, under Virus and Trojans cleaning, select the option **Attempt to clean any detected virus or trojan**.

6 Under If cleaning succeeds, take the following action, select the following options if cleaning succeeds:

- **Log to Detected Items** — to record the detection in a log.
- **Quarantine** — to take a copy of the item and store it in the quarantine database.

7 Select a primary action and one or more secondary actions in the remaining tabs that are:

- Default Actions
- Custom Malware
- Packers

- PUPs

NOTE: If you select the primary action as **Replace item with an alert**, you get an option to create your Alert message.

Primary and Secondary Actions

Primary actions for on-access scan

- **Allow through** — Allows the item to continue to the next scanning phase or to its final destination.
- **Prevent Upload/Download of the Item** — Prevents the item from being uploaded to or downloaded from the server.

Primary actions for on-demand scan

- **Allow through** — Allows the item to continue to the next scanning phase or to its final destination.
- **Replace item with an alert** — Replaces the item with an alert message.
- **Remove embedded item** — Removes the item from the document library.

Secondary actions for both on-access and on-demand scan

- **Log to Detected Items** — Records the detection in a log.
- **Quarantine** — Takes a copy of the item and stores it in the quarantine database.

NOTE: We recommend you to always select the **Quarantine** option. This will help you acquire a quarantined item later if required.

Content Scanning

McAfee Security for Microsoft SharePoint can identify the textual data in a document for scanning. You can create content rules to specify banned content and assign them to the policies.

1. From **Policy Manager**, select a submenu item **On-Access** or **On-Demand**. The policy page for the selected submenu item appears.
2. Click on a policy.
3. Click **Content Scanning**. The View Settings tab for the content scanner appears.
4. In Activation, select **Enable** to enable the content scanner settings for this policy.
5. In Options, select or deselect the following as required:
   - **Include document and database formats in content scanning**
   - **Scan the text of all attachments**
6. Select an existing alert from the drop-down list or click **Create** to create a new alert.

   NOTE: For more information about creating a new alert, refer to the *Creating a new alert* section.

   If the alert text is not shown and you would like to review it, click **View/Hide** to display the text. If the alert text is displayed, click **View/Hide** to hide it.

   NOTE: You cannot customize default alert messages because they are read-only.
7. In Content Scanner rules and associated actions, click:

- **Add rule** — to create a new content rule for this policy.

  NOTE: For more information about creating a new content rule, refer to the *Adding a new content rule* section.

- **Edit** — to change the action associated with a content rule.
- **Delete** — to delete the content rule.

Tasks

▸ Creating a New Alert
▸ Adding a New Content Rule

Creating a New Alert

1. From **Policy Manager**, select a submenu item **On-Access** or **On-Demand**. The policy page for the selected submenu item appears.
2. Click on a policy.
3. Click **Content Scanning**. The View Settings tab for the content scanner appears.
4. In Options, click **Create**. The Alert Editor page appears.
5. Type an alert name.
6. In Content Scanning Alert, select the required **Style**, **Font**, **Size**, and **Tokens** from the respective drop-down lists.
7. Select any of the following tools:

- **Bold** — to make the selected text bold.
- **Italic** — to make the selected text italic.
- **Underline** — to underline the selected text.
- **Align Left** — to left align the selected paragraph.
- **Center** — to center the selected paragraph.
- **Align Right** — to right align the selected paragraph.
- **Justify** — to adjust the selected paragraph so that the lines within the paragraph fill a given width, with straight left and right edges.
- **Ordered List** — to make the selected text into a numbered list.
- **Unordered List** — to make the selected text into a bulleted list.
- **Outdent** — to move the selected text a set distance to the right.
- **Indent** — to move the selected text a set distance to the left.
- **Text Color** — to change the color of the selected text.
- **Background Color** — change the background color of the selected text.
- **Horizontal Rule** — to insert a horizontal line.
- **Insert Link** — to insert a hyperlink where the cursor is currently positioned. In **URL**, type the URL. In **Text**, type the name of the hyperlink as you want it to appear in the alert message. If you want the link to open a new window, select **Open link in new window**, then click **Insert Link**.

- **Insert Image** — to insert an image where the cursor is currently positioned. In Image **URL**, type the location of the image. In **Alternative text**, type the text you want to use in place of the image when images are suppressed, or the alert message is displayed in a text-only browser. If you want to give the image a title, type the title name in **Use this text as the image title**. Click **Insert Image**.
- **Insert Table** — to insert a table at the current cursor position. Use the table settings to configure the table, and then click **Insert Table**.

8 From the **Show** drop-down menu, specify how the alert message should be displayed within the user interface. You can select:

- **HTML content (WYSIWYG)** — to hide the underlying HTML code and display only the content of the alert message.
- **HTML content (source)** — to display the HTML code as it appears before it has been compiled.
- **Plain-text content** — to view the text as plain text.

9 Click **Save**, then **Apply**.

NOTE: Click **Reset** to undo all changes you have made since you last saved the alert message.

Adding a New Content Rule

1 From **Policy Manager**, select a submenu item **On-Access** or **On-Demand**. The policy page for the selected submenu item appears.

2 Click on a policy.

3 Click **Content Scanning**. The View Settings tab for the content scanner appears.

4 In Content Scanner rules and associated actions, click **Add rule**. The Content Rules page appears.

5 In Specify actions for a selection of content rules:

- Select a rule group from the drop-down menu that will trigger an action if one or more of its rules are broken.
- In Select rules from this group, specify if all rules or only rules with a specific severity rating should be included. The options are:
  - Severity - Low
  - Severity - Medium
  - Severity - High

6 Select the required primary and secondary filtering actions.

NOTE: See *Primary and Secondary Actions*.

File Filtering

You can configure the file filtering settings for a selected policy.

1 From **Policy Manager**, select a submenu item **On-Access** or **On-Demand**. The policy page for the selected submenu item appears.

2 Click on a policy.

3 Click **File Filtering**. The View Settings tab for the file filtering scanner appears.

4 In Activation, select **Enable** to enable the file filtering scanner settings for the policy.

TIP: For a true file type filtering, enable Content Scanning too.

5 In Alert selection, specify which alert will be used when an infected document triggers a filtering rule. You can also select an existing alert or click **Create** to create a new alert.

NOTE: For more information about creating a new alert, refer to the *Creating a New Alert* section.

If the alert text is not shown and you would like to review it, click **View/Hide** to display the text. If the alert text is displayed, click **View/Hide** to hide it.

6 From File filtering rules and associated actions, use the following:

- **Available rules** — to select an existing file filtering rule or create new file filtering rules for the policy.

  NOTE: For more information about Create a new rule, refer to the *Creating a new file filtering rule* section.

- **Change** — to change the primary and secondary actions associated with a file filtering rule.

  NOTE: For more information on changing the primary and secondary actions associated with a file filtering rule, refer to the *Primary and Secondary File Filtering Actions* section.

- **Delete** — to delete the file filtering rule.

Creating a new file filtering rule

1 From **Policy Manager**, select a submenu item **On-Access** or **On-Demand**. The policy page for the selected submenu item appears.

2 Click on a policy.

3 Click **File Filtering**. The View Settings tab for the file filtering scanner appears.

4 From the Available rules drop-down list, select **Create new rule**.

5 Enter a unique **Rule name**. Give the rule, a meaningful name, so that you can easily identify it and what it does.

For example, FilesOver5MB.

6 In Filename filtering, select **Enable file name filtering** to enable file filtering according to the file names.

For example, if you type *.exe, this file filtering rule is applied to any file that has a .exe file name extension.

7 In Take action when the file name matches, specify the names of the files that are affected by this rule.
You can use the * and ? wildcard characters to match multiple filenames. For example, if you want to filter out executable files, type *.exe.

8 Click **Add** to add the file names to the filtering list or **Delete** to remove file names from the filtering list.

9 In File category filtering, select **Enable file category filtering** to enable file filtering according to their file type.

10 In Take action when the file category is, specify the type of files that are affected by this rule.

NOTE: File types are divided into categories and subcategories.

11 In File Categories, click on a file type. An asterisk appears next to the file type to indicate that the selected file type will be filtered.

12 In Subcategories, click on the subcategory you want filtered.

NOTE: To select more than one subcategory, use Ctrl+Click, or Shift+Click.

To select all of the subcategories, click **All**.

13 Repeat steps 1 and 2 for each file category you want to add to the file filtering list.

NOTE: Click **Clear selections** to undo the last selection. Click on the required **File category** you have chosen (where the asterisk appears) and click **Clear Selections** to deselect it.

14 Select **Extend this rule to unrecognized file categories** to apply this rule to any other file categories and subcategories that are not specifically mentioned in the categories and subcategories lists.

15 In File size filtering, select **Enable file size filtering** to filter files according to their file size.

16 In Take action when the file size is, select **Greater than** to specify that the action should only be applied if the file is larger than the size specified.

17 Select **Less than** to specify that the action should only be applied if the file is smaller than the size specified.

18 Click **Save**, then **Apply**.

Filters

Filters include:

- Corrupt Content
- Protected Content
- Encrypted Content
- Signed Content
- Password-Protected Files
- Scanner Control

Corrupt Content

If the content in a file is corrupt, it cannot be scanned. You can configure corrupt content policies to specify the action taken when files with corrupt content are detected.

1 From **Policy Manager**, select a submenu item **On-Access** or **On-Demand**. The policy page for the selected submenu item appears.

2 Click on a policy.

3 Click **Corrupt Content**. The View Settings tab for the corrupt content filter appears.

4 In Activation, select **Enable** to enable the corrupt content filter settings for the policy.

5 In Actions, click **Edit** to configure the actions that must be taken when corrupt content is detected.

TIP: For information on the available actions that can be taken when corrupt content is detected, refer to the *Primary and Secondary Actions* section.

Protected Content

The content of some documents can designated to be protected, which means such content cannot be scanned. You can configure protected content policies to specify the action taken when files with protected content are detected.

1 From **Policy Manager**, select a submenu item **On-Access** or **On-Demand**. The policy page for the selected submenu item appears.

2 Click on a policy.

3 Click **Protected Content**. The View Settings tab for the protected content filter appears.

4 In Activation, select **Enable** to enable the protected content filter settings for the policy.

5 In Actions, click **Edit** to configure the actions that must be taken when protected content is detected.

TIP: For information on the available actions that can taken when protected content is detected, refer to the *Primary and Secondary Actions* section.

Encrypted Content

Content in some documents might be encoded to avoid unauthorized access. For example, any file encrypted with a key. You can configure encrypted content policies to specify the action taken when files with encrypted content are detected.

1 From **Policy Manager**, select a submenu item **On-Access** or **On-Demand**. The policy page for the selected submenu item appears.

2 Click on a policy.

3 Click **Encrypted Content**. The View Settings tab for the encrypted content filter appears.

4 In Activation, select **Enable** to enable the encrypted content filter settings for the policy.

5 In Actions, click **Edit** to configure the actions that must be taken when encrypted content is detected.

TIP: For information on the available actions that can be taken when encrypted content is detected, refer to the *Primary and Secondary Actions* section.

Signed Content

Whenever information is transferred/uploaded electronically, it can accidentally or willfully be altered. To overcome this, some software use a digital signature — the electronic form of a handwritten signature.

A digital signature is extra information added to a document that identifies and authenticates information in the document. It is signed and acts like a unique summary of the information that is signed with a message digest in the document.

If the document contains a virus, bad content, or is too large, the software might clean or remove some part of the message. The document is still valid, and can be read, but the original

digital signature is 'broken'. You cannot rely on the contents of the document because the contents might have also been altered in other ways. Signed content policy specifies how documents with digital signatures are handled.

1 From **Policy Manager**, select a submenu item **On-Access** or **On-Demand**. The policy page for the selected submenu item appears.

2 Click on a policy.

3 Click **Signed Content**. The View Settings tab for the signed content filter appears.

4 In Activation, select **Enable** to enable the signed content filter settings for the policy.

5 In Actions, click **Edit** to configure the actions that must be taken when signed content is detected.

TIP: For information on the available actions that can be taken when signed content is detected, refer to the *Primary and Secondary Actions* section.

For **Signed Content** filter, there will be an additional primary action involved for both **On-Access** and **On-Demand** scans. It is called **Allow changes to break the signature**. If this option is chosen, then the signature of the signed content will be broken which leads to the change of the content before being uploaded.

Password-Protected Files

Password-protected files cannot be scanned. For example, RIR or ZIP files. You can configure password-protected files policies to specify the action taken when files protected with a password are detected.

1 From **Policy Manager**, select a submenu item **On-Access** or **On-Demand**. The policy page for the selected submenu item appears.

2 Click on a policy.

3 Click **Password-Protected Files**. The View Settings tab for the password-protected file filter appears.

4 In Activation, select **Enable** to enable the password-protected file filter settings for the policy.

5 In Actions, click **Edit** to configure the actions that must be taken when password-protected files are detected.

TIP: For information on the available actions that can be taken when password-protected files are detected, refer to the *Primary and Secondary Actions* section.

Scanner Control

You can configure scanner control policies to limit the nesting level, file size, and scan time that is allowed when scanning files/documents.

1 From **Policy Manager**, select a submenu item **On-Access** or **On-Demand**. The policy page for the selected submenu item appears.

2 Click on a policy.

3 Click **Scanner Control**. The View Settings tab for the scanner control filter appears.

4 In Activation, select **Enable** to enable the scanner control filter settings for the policy.

5 In Options, select:

- **Core Scanner Control Settings** — to view a summary of the scanner control option set that is used by default when no alternative scanner control option sets are available.
- **Create new set of options** — to create a new option set for this policy.

6 If you select **Create new set of options**, type a unique name for the scanner control filter setting instance.

7 In Maximum nesting level, specify the level to which the scanner must scan, when an attachment contains compressed files within compressed files.

8 In Maximum expanded file size (MB), specify the maximum number of megabytes a file can be when expanded for scanning. We recommend a maximum size of 100MB.

9 In Maximum scan time (minutes), specify the maximum number of minutes that must be spent scanning any file.

NOTE: The scan time we specify here must not be greater than the time we specify in Microsoft SharePoint.

10 Click **Save** to return to the policy page.

11 In Alert selection, when a scanner control option is triggered, select an alert from the drop-down list or click **Create** to create a new alert.

NOTE: For more information about creating a new alert, refer to the *Creating a new alert* section.

If the alert text is not shown and you would like to review it, you can click **View/Hide** to display the text. If the alert text is displayed, click **View/Hide** to hide it.

12 In Actions, view the action that will be taken when the level of nesting, file size, or scan time is exceeded. To change this action, select **Edit**.

NOTE: For more information on editing the actions, refer to the *Primary and Secondary Actions* section.

Miscellaneous

Miscellaneous options include the Alert settings that enables you to configure an alert message.

Alert Settings

An alert is a notification message that is sent to the McAfee Security for Microsoft SharePoint administrators when a scanner/filter has detected an infection with the scanned item.

You can use Alert Settings to set up additional information about these alerts.

1 From **Policy Manager**, select a submenu item **On-Access** or **On-Demand**. The policy page for the selected submenu item appears.

2 Click on a policy.

3 Click **Alert Settings**. The View Settings tab for alert settings appears.

4 In Activation, select **Enable** to enable the use of alert headers and footers for the selected policy.

5 In Options, select the alert message option set that you want to view or configure. You can select:

- An existing alert message option set.
- **Create new set of options** — to create a new option set for this policy.

6 If you select **Create new set of options**, enter a unique instance name. This field is mandatory.

7 In Alert Options, use:

- **Alert format** — to specify whether the alert must be in HTML format or plain text format.
- **Character encoding** — to specify which type of character encoding is required.
- **Alert filename** — to specify the file name for this alert, including the appropriate HTML (.htm) or plain text (.txt) file extension.
- **Enable alert headers** — to enable or disable the use of an alert header.
- **Alert header** — text entry box to enter the alert header in plain text or HTML code.
- **Show** — to specify whether HTML text should be shown as source or compiled code. This option is only available if you have selected HTML as the alert message format and only applies to the way the HTML code is displayed within this user interface.
- **Enable alert footers** — to enable the use of an alert footer.
- **Alert footer** — text entry box to enter the alert footer in plain text or HTML code.

NOTE: You can click **Edit** to edit the selected option set.

8 Click **Save**, then **Apply**.

Shared Resource

When setting up policies, you might want the same resource to be used by more than one policy. For example, you might want to use the same alert message in two policies. The alert message can be used as a resource that can shared by more than one policy.

You can use Shared Resource to:

- View shared resource settings.
- Create new resources.
- Change the resource settings, so that the changes are picked up by all policies using the shared resources.
- Delete shared resources that are no longer in use.

NOTE: Some resources cannot be deleted.

Shared Resources page has three tabs:

- Scanners and Alerts
- Filter Rules
- Time Slots

Scanners and Alerts

Scanners

In Scanners, you can configure the scanner-related settings that a policy can apply when scanning the items. You can use:

- **Category** — to select the type of settings you want to configure. The options are **Anti-Virus Scanner**, **Scanner Control**, and **Alert Settings**.

- **Create New** — to create a new shared resource for a selected category.

  NOTE: For detailed information on **Create New**, refer to the sections *Creating a new shared resource for Anti-Virus Scanner*, *Creating a new shared resource for Scanner Control*, and *Creating a new shared resource for Alert Settings*.

- **Delete** — to delete a resource that is no longer used by any of the policies. Some resources cannot be deleted.
- **Edit** — to change the resource settings.

Alerts

In **Alerts**, you can use:

- **Category** — to select the type of alert message you want to configure.
- **Create New** — to create an alert message. The default alert message text is displayed and you can edit it to create a new alert message.

  NOTE: For more information about creating a new alert message, refer to the *Creating a new alert* section.

- **Delete** — to delete an alert message that is no longer used by any of the policies.
- **Edit** — to change the alert message.
- **Rename** — to rename the alert category.
- **View** — to view an alert message.

NOTE: Default alert messages cannot be edited or deleted.

Tasks

- Creating a New Shared Resource for Anti-Virus Scanner
- Creating a New Shared Resource for Scanner Control
- Creating a New Shared Resource for Alert Settings

Creating a New Shared Resource for Anti-Virus Scanner

1. In **Policy Manager**, click **Shared Resource**. The Shared Resources page appears.
2. In Scanners & Alerts tab, select **Anti-Virus Scanner** from the Category drop-down menu.
3. In the Scanners pane, click **Create New** and perform step 5 — 9 of the *Creating new set of options in Anti-Virus Scanner* section.
4. In the Alerts pane, select a **Category**.
5. Click **Create New** and perform steps 5 - 9 of the *Creating a new alert* section.

Creating a New Shared Resource for Scanner Control

1. In **Policy Manager**, click **Shared Resource**. The Shared Resources page appears.
2. In Scanners & Alerts tab, select **Scanner Control** from the Category drop-down menu.
3. In the Scanners pane, click **Create New**. The Scanner Control page appears.
4. Type an Instance name.
5. Specify the Maximum Nesting level.
6. Enter the Maximum expanded file size (MB).

7 Enter the Maximum scan time (minutes).

8 Click **Save**.

9 In the Alerts pane, select a **Category**.

10 Click **Create New** and perform steps 5 - 9 of the *Creating a new alert* section.

Creating a New Shared Resource for Alert Settings

1 In **Policy Manager**, click **Shared Resource**. The Shared Resources page appears.

2 In Scanners & Alerts tab, select **Alert Settings** from the Category drop-down menu.

3 In the Scanners pane, click **Create New**. The Alert Settings page appears.

4 Perform step 6 — 8 of the *Alert Settings* section.

Filter Rules

Content Scanner Rules

In Content Scanner Rules, you can configure rules that a policy can apply to the content of documents. You can use:

- **Category** — to select the type of rules you want to configure.
- **New Category** — to create a new category of rules.
- **Rename** — to rename a category.
- **Delete** — to delete a category that you no longer require.
- **Create New** — to create a new rule.

  NOTE: For more information on Create New, refer to the *Creating a new content scanner rule* section.

- **Edit** — to change the rule settings.
- **Delete** -to delete a rule that is no longer used by any of the policies.

NOTE: There are two Delete links. One link is to delete a category present in the drop-down list and the other one is to delete a rule that you have created.

You should give each new rule a unique and meaningful name. Avoid using names and descriptions that might be offensive, because the they can be included in notifications sent to administrators when a rule is triggered. You may not want notifications to be blocked because they contain banned content.

File Filtering Rules

In File Filtering Rules, you can set up rules that apply to a file name, file type, and file size. You can use:

- **Create New** — to create a new file filtering rule.

  NOTE: For more information on **Create New**, refer to the *Creating new file filtering rule* section.

- **Delete** — to delete a rule that is no longer used by any of the policies.
- **Edit** — to change the rule settings.

NOTE: When configuring policies, you can select the file filtering rules that must be used and the order in which they must be applied when scanning files.

Tasks

- Creating a New Content Scanner Rule
- Creating New File Filtering Rule

Creating a New Content Scanner Rule

1. In **Policy Manager**, click **Shared Resource**. The Shared Resources page appears.
2. Click **Filter Rules** tab.
3. In Content Scanner Rules pane, click **Create New**. The New Content Scanner Rule page appears.
4. Type a unique rule name.
5. In Details, type a brief description for the rule.
6. In Word or Phrase tab, specify the words or phrases to look for.
7. Select the required options from the following:
   - **Ignore case** — If enabled, the rule is triggered for specified word or phrase that is not case-sensitive.
   - **Starts a longer word or phrase** — If enabled, the rule is triggered for specified text that begins with a longer word or phrase.
   - **Use Wildcards** — If enabled, the rule is triggered for the specified word or phrase that contain wildcard characters.
   - **Ends a longer word or phrase** — If enabled, the rule is triggered for specified text that ends with a longer word or phrase.
8. In File Format tab, select **Everything** to select all the file categories and its subcategories. You can select multiple categories and file types within the selected categories to be matched. Selecting **All** in the subcategory overrides any other selections that might have already been made.
9. Select the **Specify additional contextual words or phrases** option.
10. Select one of these options from the drop-down menu:
    - **Trigger if ALL of the phrases are present**
    - **Trigger if ANY of the phrases are present**
    - **Trigger if NONE of the phrases are present**
11. Select **within a block of** and specify the number of characters for a block to be scanned.
12. Click **Save**, then **Apply**.

Creating New File Filtering Rule

1. In **Policy Manager**, click **Shared Resource**. The Shared Resources page appears.
2. Click **Filter Rules** tab.
3. In File Filtering Rules pane, click **Create New**. The File Filtering Rule page appears.
4. Perform steps 5 to 18 of the *Creating a new file filtering rule* section.

Time Slots

In Time Slots, you can set up different time slots that can be applied to policies. You can use:

- **View** — to view the time slot of **All the time**.
- **Delete** — to delete a time slot that is not used by any of the policies.
- **Edit** — to change the name or times associated with a specific time slot.
- **Create New** — to create a new time slot.

Creating a New Time Slot

1. In **Policy Manager**, click **Shared Resource**. The Shared Resources page appears.
2. Click **Time Slots** tab.
3. Click **Create New**. The Time Slot page appears.
4. Type a unique time slot name.
5. Select the required day and time.
6. Click **Save** , then **Apply**.

   NOTE: Master policies use the **All the time** slot. If you want a policy to be active during a different time slot, you must create a subpolicy and specify a different time slot.

Settings and Diagnostics

This section describes the settings and diagnostics you could perform on McAfee Security for Microsoft SharePoint. Topics covered are:

Contents

- Detected Items
- User Interface Preferences
- Diagnostics
- Product Log
- Import and Export Configuration
- DAT Settings
- User Settings

Detected Items

You can configure settings for the local database to quarantine infected items.

1. Click **Settings & Diagnostics** | **Detected Items**. The Detected Items page appears.
2. Select **Specify location of database** to a database location. If deselected, the default location is used. If selected, choose one of the following options from the drop-down list and specify a location accordingly:
   - **<Install Folder>**
   - **<System Drive>**
   - **<Program Files>**
   - **<Windows Folder>**
   - **(Full Path)**

3 In Maximum item size (MB), specify the maximum size in megabytes an item stored in the database can be.

4 In Maximum query size (records), specify the maximum number of records that can be returned when the local quarantine database receives a query.

5 In Maximum item age (days), specify the maximum number of days an item will be held in the local quarantine database before being marked for deletion.

6 In Purge of old items frequency, specify how frequently old items being marked for deletion are removed from the database. You can click **Edit Schedule** and schedule a time to do so.

7 In Optimization Frequency, specify how frequently the database is optimized. Click **Edit Schedule** and schedule a time to do so.

CAUTION: Purge of old items and Optimization Frequency are database operations. You must not schedule these operations to run at the same time because one of the operations will be locked by the database.

User Interface Preferences

You can use **User Interface Preferences** to configure user interface refresh, report, metric, graph and chart settings.

Tasks

- Dashboard Settings
- Graph and Chart Settings

Dashboard Settings

1 Click **Settings & Diagnostics** | **User Interface Preferences**. The User Interface Preferences screen appears with the Dashboard Settings tab by default.

2 Select **Automatic refresh** to specify whether the information shown on the Dashboard should be refreshed automatically.

3 In Refresh rate (seconds), type the duration in seconds after which the information on the dashboard must be refreshed.

4 Select **Enable reports** to enable or disable reporting.

5 Select **Show recently scanned items** to specify whether the **Recently Scanned Items** tab must be included in Reports section of the dashboard.

6 In **Maximum recently scanned items**, specify the maximum number of recently scanned items that must be included in Reports section of the dashboard.

7 In Graph scale (units), type the measurement units for the scale of the graph that is generated.

8 In Number of hours to report for, type the report generation interval (in hours) to generate a report.

Graph and Chart Settings

1 Click **Settings & Diagnostics** | **User Interface Preferences**. The User Interface Preferences screen appears.

2 Click the **Graph and Chart Settings** tab.

3 Select **3D** to specify whether you want the graph on the dashboard to be displayed as a three-dimensional graph.

4 Select or deselect **Draw transparent** to specify whether the bars in a three-dimensional bar graph must appear transparent or solid.

NOTE: A solid bar will hide part of any bar behind it. A transparent bar allows you to look through it and see other transparent bars behind it.

5 Select **Anti-alias** to specify whether you want to use anti-aliasing techniques while displaying pie charts. If anti-aliasing is used, you will see smoother curves in pie charts. If anti-aliasing is not used, pie chart curves appear jagged.

6 Select **Explode pie** to specify whether the segments must remain within the circle of the pie chart or be displayed with some distance between each segment.

7 In Pie angle (degrees), specify the angle to use when drawing pie charts.

Diagnostics

You can use Diagnostics to specify the level of debug logging required, the maximum size of debug files, and where they should be saved. You can configure the error reporting service settings and specify which events should be captured in the product log and event log by specifying the product log's location, name, size limits, and time-out settings.

1 Click **Settings & Diagnostics** | **Diagnostics**. The Diagnostics page displays the Debug Logging tab by default.

2 From the Level drop-down menu, specify the type of information that must be captured in the Debug log. You can select:

- **High** — to collect detailed level of log entries.
- **Medium** — to collect adequate logs.
- **Low** — to collect minimum set of logs.
- **None** — to disable debug logging.

3 Select **Limit size of debug log files** to specify if you want a size limit for debug log files, then specify how large (in megabytes or kilobytes) the debug log files can be.

NOTE: Selecting this option consumes your hard disk space.

4 Select **Specify location for debug log files** to specify a location for debug files. Select any of the following options from the drop-down list and specify the location accordingly:

- **<Desktop>**
- **<Install Folder>**
- **<System Drive>**
- **<Program Files>**
- **<Windows Folder>**
- **(Full Path)**

5 Click the **Error Reporting Service** tab.

6 Select **Enable** to turn on the error reporting service.

7 Select **Catch exceptions** to capture information about exceptional events such as system crashes.

8 Select **Report exceptions to user** to specify that the exceptions should be reported to the administrator.

9 Click the **Event Logging** tab.

10 In Product Log, select **Write information events**, **Write warning events**, and **Write error events** to include these events in the product log.

11 In Event Log, select **Write information events**, **Write warning events**, and **Write error events** to include these events in the event log.

12 Click the **Product Log** tab.

13 In Locations, select **Specify location of database** to specify a location for the product log. If deselected, the default location is used. If selected, select one of the following from the drop-down list and specify the location accordingly:

- **<Desktop>**
- **<Install Folder>**
- **<System Drive>**
- **<Program Files>**
- **<Windows Folder>**
- **(Full Path)**

14 Select **Specify filename of database** to specify a file name of the database. If deselected, the default file name is used. The default database filename is productlog.bin.

NOTE: Whenever you change the database location, the old quarantine database and statistics are not displayed on the user interface. However, this data will be present in the previous location.

15 In Size Limits:

- Select **Limit database size** to limit the size of the product log database.
- Type the maximum database size that the product log database can be. You can specify the size in either megabytes or kilobytes.
- Select **Limit age of entries** to specify a time after which you want the product log entries to be deleted.
- Type the maximum age of entry to specify how many days an entry should remain in the database before it is deleted.

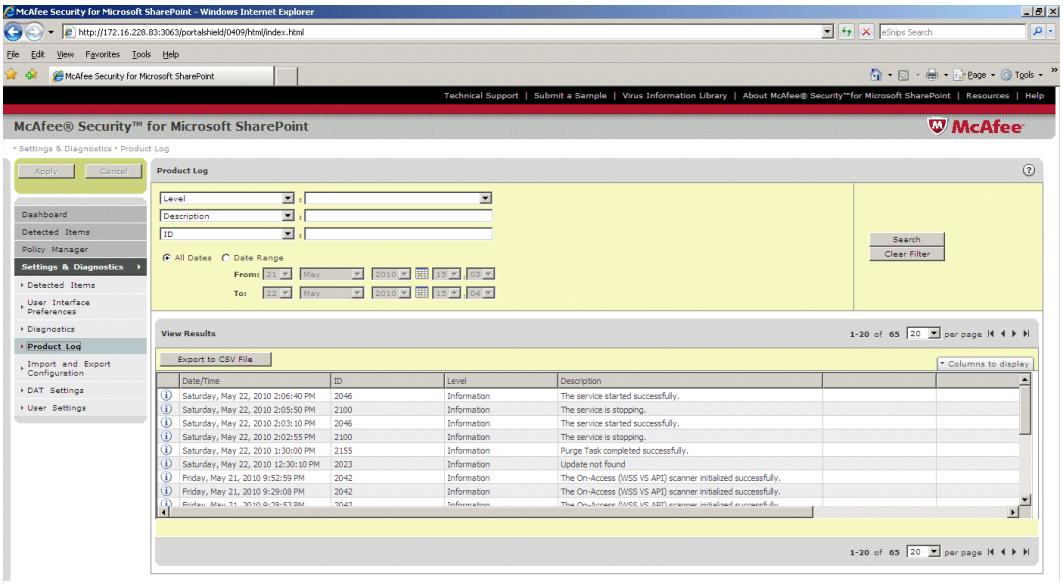
16 In Advanced:

- Select **Specify a query timeout** to limit the time allowed for answering a product log query.
- Type the query timeout (in seconds) to specify the maximum number of seconds allowed when answering a product log query.

Product Log

You can use Product Log to set up search filters that help you find information in the product log and view the results of the search.

1 Click **Settings & Diagnostics** | **Product Log**. The Product Log screen appears.



2 From the Product Log section, select at least one of the following filters:

- **ID** — Enter the ticket id which identifies a specific product log entry.
- **Level** — Select **Information**, **Warning** or **Error** from the drop-down in the second field depending on the type of log you want to see.
- **Description** — Select the relevant description.

NOTE: You can select up to three search filters.

3 Select **All Dates** to include all entries or select **Date Range** and the required date range from the drop-down lists.

4 Click **Search**. A list of viruses matching your search criteria is displayed in the View Results pane.

NOTE: Click **Clear Filter** to return to the default search filter settings.

Import and Export Configuration

You can use Import and Export Configurations to:

- Copy the configuration of a SharePoint server to an area from where it can be imported to another SharePoint server.
- Apply the configuration of a different SharePoint server.
- Specify the location from which automatic updates are downloaded. Location information is stored in a site list and you can specify which site list to use.

▸ Importing Configuration
▸ Importing Site List

Importing Configuration

You can import the configuration of McAfee Security for Microsoft SharePoint.

1 Click **Settings & Diagnostics** | **Import and Export Configuration**. The Import and Export Configurations page displays the Configuration tab by default.

2 Click **Export**.

3 Specify the location where the configuration file McAfeeConfigXML.cgf must be stored.

4 Click **Save**.

5 To import this configuration, browse to locate the configuration file, then click **Open**.

6 Click **Import**.

NOTE: Click **Restore Default** if you are not sure of the configuration changes you made and want to restore to the default configuration of your McAfee Security for Microsoft SharePoint software.

Importing Site List

A site list specifies from where automatic updates are downloaded.

By default, SharePoint server uses a site list that points to a McAfee site for automatic updates, but you can use a site list that points to a different location.

NOTE: Alternative site lists can be created using the McAfee Update Architecture software, or through use of McAfee ePolicy Orchestrator.

1 After creating an alternative site list, click **Settings & Diagnostics** | **Import and Export Configuration**. The Import and Export Configurations screen appears.

2 Select the **Site List** tab.

3 Browse to locate the site list you want to use , then click **Open**.

4 Click **Import**. The new site list will overwrite the existing site list.

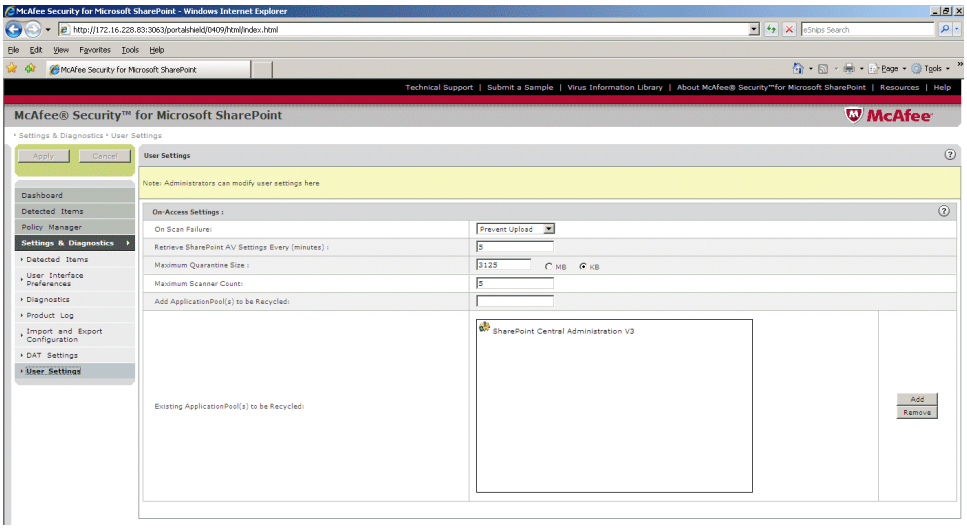
DAT Settings

Use this screen to specify the maximum number of old DATS that must be retained.

User Settings

You can use User Settings to prevent or allow the upload of a document which failed to scan, retrieve the anti-virus settings when required, specify the maximum size of quarantined items and scanner counts, and add/remove the application pools.

1 Click **Settings & Diagnostics** | **User Settings**. The User Settings screen appears.



2 From the On Scan Failure drop-down menu, choose **Allow Through** to allow the documents to get uploaded to the server or **Prevent Upload** to prevent the uploading of the documents which failed to get scanned.

3 In Retrieve SharePoint AV Settings Every (minutes), enter the time (in minutes) to retrieve the anti-virus settings as and when required.

NOTE: We recommend you to provide a lesser time so that your dashboard synchronizes with your SharePoint server anti-virus settings. This time setting reflects on the dashboard.

4 In Maximum Quarantine Size, enter the maximum size of the quarantined items (in MB or KB).

5 In Maximum Scanner Count, enter the maximum number of scanner counts. We recommend a maximum value of 5.

6 In Add ApplicationPool(s) to be Recycled, type a name for an application pool.

7 Click **Add** to add the application pool.

CAUTION: Add all application pools where SharePoint sites are running.

TIP: To remove an application pool, click on a desired application pool in Existing ApplicationPool to be Recycled, click **Remove**. To select more than one application pool, use Ctrl+click or Shift+click.

Integration with McAfee ePolicy Orchestrator 4.0

This chapter describes how to configure and manage McAfee Security for Microsoft SharePoint using McAfee ePolicy Orchestrator management software version 4.0. To use this chapter effectively, you need to be familiar with ePolicy Orchestrator 4.0.

McAfee ePolicy Orchestrator 4.0 provides a scalable platform for centralized policy management and enforcement on your McAfee security products and systems on which they reside. It also provides comprehensive reporting and product deployment capabilities; all through a single point of control.

NOTE: See the McAfee ePolicy Orchestrator 4.0 product documentation for detailed information on installing or using ePolicy Orchestrator software.

- Prerequisites
- Deploying McAfee Security for Microsoft SharePoint using ePolicy Orchestrator 4.0
- Setting Policies using ePolicy Orchestrator 4.0
- Scheduling an On-Demand Scan Task
- Uninstalling McAfee Security using ePolicy Orchestrator 4.0

Prerequisites

Before using the ePolicy Orchestrator 4.0 software to manage McAfee Security for Microsoft SharePoint, install the McAfee Agent version 4.0 or later on your managed node running Microsoft SharePoint. Refer to the McAfee Agent product documentation for installation instructions.

McAfee Agent is a component of ePolicy Orchestrator that must be installed on each managed node on the network. The Agent collects and sends information between the ePolicy Orchestrator server and manages McAfee Security for Microsoft SharePoint installations across the network.

Deploying McAfee Security for Microsoft SharePoint using ePolicy Orchestrator 4.0

Topics covered in this section are:

Tasks

- Checking in the McAfee Security for Microsoft SharePoint Package to ePolicy Orchestrator 4.0
- Installing Extensions
- Installing McAfee Security for Microsoft SharePoint on Managed Nodes

Checking in the McAfee Security for Microsoft SharePoint Package to ePolicy Orchestrator 4.0

You can check in the McAfee Security for Microsoft SharePoint package from the **Repository** page of ePolicy Orchestrator 4.0. Repository is the central location for all McAfee updates residing on the ePolicy Orchestrator server. It retrieves user-specified updates from the McAfee site or user-defined source sites.

1. Copy the software package **PS11EN_L.zip** to a temporary location of your system that has ePolicy Orchestrator.
2. Log on to the ePolicy Orchestrator server as an administrator.
3. Click **Software** | **Check in Package**. The Check In Package page appears.
4. Select the Package type as **Product or Update (.ZIP)**. Browse in **File path** to locate and check-in the package file.
5. Click **Next**. The Package Options page appears with the package information.
6. Click **Save**.

Installing Extensions

1. Copy the product extension **PRTLSHLD2000_0409.zip** to a temporary location of your system that has ePolicy Orchestrator.
2. Log on to the ePolicy Orchestrator server as an administrator.
3. Click **Configuration** | **Extensions** | **Install Extension**. The **Install Extension** dialog box appears.
4. Click **Browse** to install the product extension **PRTLSHLD2000_0409.zip**, then click **OK**.
5. Click **OK**.

   NOTE: Repeat the same steps to install the report extension **PSH20Reports.zip**.

Installing McAfee Security for Microsoft SharePoint on Managed Nodes

1. Log on to the ePolicy Orchestrator server as an administrator.
2. Click **Systems**, select the required system(s) on which you want to install McAfee Security for Microsoft SharePoint.
3. Click **Client Tasks** tab, then **New Task**. The Client Task Builder page appears.
4. In Description, type a name, notes (optional) for the task.
5. Select the Type as **Product Deployment (McAfee Agent)**, then click **Next**.
6. In Configuration, select **Windows** as Target Platforms, **McAfee Security for Microsoft SharePoint 2.5.0** as Products and components, and **Install** as Action, then click **Next**.

   NOTE: If you are using Microsoft Office SharePoint Server 2007 or SharePoint 2010, please type the credentials for the system that has the SharePoint server installed in ePolicy Orchestrator command line.

   Example

   - REMOTESQLUSER="DomainName\UserName or HostName\UserName"

- REMOTESQLPWD="password"
- IISPORT=45900 (Optional)

7 Schedule the task to run immediately or as required, then click **Next** to view a summary of the task.

8 Click **Save**, then send an agent wake-up call.

TIP: Refer to the *Sending an Agent Wake-up Call* section for instructions.

Sending an Agent Wake-up Call

All systems in the network are managed in the **Systems** tab. The **System Tree** contains all systems that are managed by the ePolicy Orchestrator server. It is the primary interface for managing policies and tasks on these systems. You can organize or sort these systems into logical groups in the **System Tree**.

My Organization is the root of the **System Tree**. It includes a **Lost&Found** group that stores systems whose locations cannot be determined by the server. Depending on the methods you use to create and maintain the **System Tree** segments (systems), the server uses different characteristics to place the systems in the **System Tree**.

NOTE: For information on adding a new system, refer to the *McAfee ePolicy Orchestrator 4.0 Product Guide*.

Task

1 Log on to the ePolicy Orchestrator server as an administrator.

2 Click **Systems**.

3 Select a group in the **System Tree**.

4 Select the **Computer Name**(s) of that group.

5 Click **More Actions** | **Wake Up Agent**. The **Wake Up Agents** page appears.

6 Select a **Wake-up call type** and a **Randomization** period (0-60 minutes) by which the system(s) respond to the wake-up call sent by the ePolicy Orchestrator server.

7 Select **Get full product properties** for the agent(s) to send complete properties instead of sending only those that have changed since the last agent-to-server communication.

8 Click **OK**.

NOTE: Navigate to **Server Task Log** to see the status of the agent wake-up call.

Setting Policies using ePolicy Orchestrator 4.0

ePolicy Orchestrator 4.0 allows you to enforce policies across multiple managed nodes. These policies override configurations set individually on nodes. For information regarding policies and how they are enforced, see the McAfee ePolicy Orchestrator product documentation.

You can create, edit, delete, or assign a policy to a specific group/system.

Tasks

- Creating Policies

▸ Enforcing Policies

Creating Policies

Using ePolicy Orchestrator 4.0, you can create, edit, delete, or assign a policy to specific group(s) or system(s) in the System Tree.

1. Log on to the ePolicy Orchestrator server as an administrator.
2. Click **Systems** | **System Tree** and select the required group(s)/system(s).
3. Select Product as **McAfee Security for Microsoft SharePoint 2.5.0**. A list of product policies appear in the lower pane.
4. Locate the required policy, then click **Edit Assignment**.
5. Click **New Policy**. The Create a new policy dialog box appears. Choose **McAfee Default** or **My Default** as required.

   NOTE: The **McAfee Default** policy is read-only and cannot be edited, renamed, or deleted.
6. Type a policy name, notes (optional), then click **OK**.
7. Configure settings for detected items, user interface preferences, diagnostics, DAT, and user (on-access scanner), then click **Save**.

   TIP: For option definitions, click **?** in the ePolicy Orchestrator user interface.
8. Click **Save**.

Enforcing Policies

Using ePolicy Orchestrator 4.0, you can enforce a policy to multiple managed nodes within a group.

1. Log on to the ePolicy Orchestrator server as an administrator.
2. Click **Systems**. In System Tree, select the required system(s).
3. Click **Modify Policies on a Single System**.
4. Select **McAfee Security for Microsoft SharePoint 2.5.0**, click the link of the required policy, and configure the appropriate policy as required.
5. Click **Save**, then **Close**.
6. Send an agent wake-up call.

   TIP: Refer to the *Sending an Agent Wake-up Call* section for instructions.

Scheduling an On-Demand Scan Task

Using ePolicy Orchestrator 4.0, you can schedule multiple on-demand scan tasks to run immediately, at specific times, or at regularly-scheduled intervals across managed nodes.

1. Log on to the ePolicy Orchestrator server as an administrator.
2. Click **Systems** | **System Tree** | **Client Tasks**.
3. Select the required system(s) or group(s) in the System Tree for which you want to create the on-demand scan task.

4 Click **New Task**. The Client Task Builder page appears.

5 In Description, type a name, notes (optional) for the on-demand scan task.

6 Select **On Demand Scan (McAfee Security for Microsoft SharePoint 2.5.0)** as the Type of the task, then click **Next**.

7 In Choose what to scan, type the Web Application Name and Target Folder Path and click **>>** to move the folder(s) to Folders to scan.

Example 1:

Web Application Name — SharePoint - 80

Target Folder Path — http://hostname/default/foldername

Example 2:

Web Application Name — STS_WFESPS2003

Target Folder Path — <folder name>/<subfolder name>

NOTE: Select **SharePoint 2003** to specify the scan target folder path.

8 Select one of the following options:

- **Scan all folders** — All folders in **Folders to scan** will be scanned.
- **Scan selected folders** — Selected folders in **Folders to scan** will be scanned.
- **Scan all except selected folders** — Folders except the selected ones in **Folders to scan** will be scanned.

NOTE: Click **>>>** for recursive scanning. Click **<<** to exclude folder(s) from scanning.

9 In Configure Settings, specify the extensions of files that must be excluded from the scan.

10 Select one of the following options:

- **Off** — To schedule a normal on-demand scan task without resumable and incremental scan options.
- **Resumable Scanning** — To save the last scan so that it can resume from where it has stopped, when started later. You can also select the option **Restart scan if DAT changed** so that, in the event of a DAT update, the scan can be restarted with the updated DATs.
- **Incremental Scanning** — To scan only the newly added items of your SharePoint server. You can select to scan from the last scanned date or even scan by specifying the date and time of the last scan.

NOTE: Resumable scanning, incremental scanning and file extension exclusion is not supported if you are using SharePoint Server 2003.

11 Click **Next** and schedule the task as required.

12 Click **Next** to view the summary of the on-demand scan task.

13 Click **Save**, then send an agent wake-up call.

TIP: Refer to the *Sending an Agent Wake-up Call* section for instructions.

Configuring Reports

Reports are pre-defined queries which query the ePolicy Orchestrator database and generate a graphical output. McAfee ePolicy Orchestrator 4.0 includes a set of default queries on the left pane. However, you can create a new query, edit, and manage all the queries related to McAfee Security for Microsoft SharePoint.

Tasks

- Creating a New Query
- Running a Query

Creating a New Query

1. Log on to the ePolicy Orchestrator server as an administrator.

   NOTE: If the pre-defined queries on the left side do not serve your purpose, ePolicy Orchestrator enables you to create your own queries.

2. Click **Reporting** | **New Query**. The Result Type page appears.
3. On the left pane, select a data type that the query should retrieve, then click **Next**. The Chart page appears.
4. Select and accordingly configure a display chart/table, then click **Next**. The Columns page appears allowing you to select columns for the chart/table.
5. Select column(s) from the Available Columns pane, then click **Next**. The Filter page appears.
6. Specify criteria by selecting properties and operators to limit the data retrieved by the query.
7. Click **Run**, then **Save**. The Save Query page appears.
8. Type a name, notes (optional) for the query, then click **Save**.

Running a Query

1. Log on to the ePolicy Orchestrator server as an administrator.
2. Click **Reporting**. A list of queries appear on the left pane.
3. Select a McAfee Security for Microsoft SharePoint related query from the list, then click **Run**. The graphical output is displayed.

Uninstalling McAfee Security using ePolicy Orchestrator 4.0

You can remove the product package and extensions from ePolicy Orchestrator 4.5 and uninstall McAfee Security for Microsoft SharePoint from the managed nodes.

Tasks

- Removing the McAfee Security for Microsoft SharePoint Package from ePolicy Orchestrator 4.0
- Removing Extensions from the ePolicy Orchestrator Server 4.0

▸ Uninstalling McAfee Security for Microsoft SharePoint from Managed Nodes

Removing the McAfee Security for Microsoft SharePoint Package from ePolicy Orchestrator 4.0

You can remove the McAfee Security for Microsoft SharePoint package using the Master Repository page.

1. Log on to the ePolicy Orchestrator server as an administrator.
2. Click **Menu** | **Software** | **Master Repository**. The Packages in Master Repository page appears.
3. Click the **Delete** link of McAfee Security for Microsoft SharePoint, then click **OK**.

Removing Extensions from the ePolicy Orchestrator Server 4.0

1. Log on to the ePolicy Orchestrator server as an administrator.
2. Click **Configuration** | **Extensions**.
3. Select the product extension, then click **Remove**.

   NOTE: Select the report extension, then click **Remove** to remove the report extensions.
4. Select the option **Force removal, bypassing any checks or errors**.

   NOTE: This step is not mandatory, but recommended.
5. Click **OK**.

Uninstalling McAfee Security for Microsoft SharePoint from Managed Nodes

1. Log on to the ePolicy Orchestrator server as an administrator.
2. Click **Systems**, select the required system(s) from which you want to uninstall McAfee Security for Microsoft SharePoint.
3. Click **Client Tasks** tab, then **New Task**. The Client Task Builder page appears.
4. In Description, type a name, notes (optional) for the task.
5. Select the Type as **Product Deployment (McAfee Agent)**, then click **Next**.
6. In Configuration, select **Windows** as Target Platforms, **McAfee Security for Microsoft SharePoint 2.5.0** as Products and components, and **Remove** as Action, then click **Next**.
7. Schedule the task to run immediately or as required, then click **Next** to view a summary of the task.
8. Click **Save**, then send an agent wake-up call.

   TIP: Refer to the *Sending an Agent Wake-up Call* section for instructions.

Integration with McAfee ePolicy Orchestrator 4.5

This chapter describes how to configure and manage McAfee Security for Microsoft SharePoint using McAfee ePolicy Orchestrator management software version 4.5. To use this chapter effectively, you need to be familiar with ePolicy Orchestrator 4.5.

McAfee ePolicy Orchestrator 4.5 provides a scalable platform for centralized policy management and enforcement on your McAfee security products and systems on which they reside. It also provides comprehensive reporting and product deployment capabilities; all through a single point of control.

NOTE: See the McAfee ePolicy Orchestrator 4.5 product documentation for detailed information on installing or using ePolicy Orchestrator software.

Contents

- Prerequisites
- Deploying McAfee Security for Microsoft SharePoint using ePolicy Orchestrator 4.5
- Setting Policies using ePolicy Orchestrator 4.5
- Scheduling an On-Demand Scan Task
- Uninstalling McAfee Security for Microsoft SharePoint using ePolicy Orchestrator 4.5

Prerequisites

Before using the ePolicy Orchestrator 4.5 software to manage McAfee Security for Microsoft SharePoint, install the McAfee Agent version 4.0 or later on your managed node running Microsoft SharePoint. Refer to the McAfee Agent product documentation for installation instructions.

McAfee Agent is a component of ePolicy Orchestrator that must be installed on each managed node on the network. The Agent collects and sends information between the ePolicy Orchestrator server and manages McAfee Security for Microsoft SharePoint installations across the network.

Deploying McAfee Security for Microsoft SharePoint using ePolicy Orchestrator 4.5

Topics covered in this section are:

Tasks

- Checking in the McAfee Security for Microsoft SharePoint Package to ePolicy Orchestrator 4.5

- Installing Extensions
- Installing McAfee Security for Microsoft SharePoint on Managed Nodes

Checking in the McAfee Security for Microsoft SharePoint Package to ePolicy Orchestrator 4.5

You can check in McAfee Security for Microsoft SharePoint package using the **Master Repository** page of ePolicy Orchestrator 4.5. Repository is the central location for all McAfee updates residing on the ePolicy Orchestrator server. It retrieves user-specified updates from the McAfee site or user-defined source sites.

1. Copy the **PS11EN_L.zip** file to a temporary location of your system that has ePolicy Orchestrator.
2. Log on to the ePolicy Orchestrator server as an administrator.
3. Click **Menu** | **Software** | **Master Repository**. The Packages in Master Repository page appears.
4. Click **Actions** | **Check In Package**. The Package page appears.
5. Select the **Package type** as **Product or Update (.ZIP)**. Browse in **File path** to locate and check in the **PS11EN_L.zip** file.
6. Click **Next**. The Package Options page appears with the package information.
7. Click **Save**.

Installing Extensions

1. Copy the product extension **PRTLSHLD2000_0409.zip** to a temporary location of your system that has ePolicy Orchestrator.
2. Log on to the ePolicy Orchestrator server as an administrator.
3. Click **Menu** | **Software** | **Extensions** | **Install Extension**. The Install Extension dialog box appears.
4. Click **Browse** to install the product extension **PRTLSHLD2000_0409.zip**, then click **OK**.
5. Click **OK**.

   NOTE: Repeat the same steps to install the report extension **PSH20Reports.zip**.

Installing McAfee Security for Microsoft SharePoint on Managed Nodes

1. Log on to the ePolicy Orchestrator server as an administrator.
2. Click **Menu** | **Systems** | **System Tree**, then select the system(s) on which you want to install McAfee Security for Microsoft SharePoint.
3. Click **Client Tasks** | **Actions** | **New Task**. The Client Task Builder page appears.
4. In Description, type a name, notes (optional) for the task.
5. Select the Type as **Product Deployment**, then click **Next**.

6 In Configuration, select **Windows** as Target Platforms, **McAfee Security for Microsoft SharePoint 2.5.0** as Products and components, and **Install** as Action, then click **Next**.

NOTE: If you are using Microsoft Office SharePoint Server 2007 or SharePoint 2010, please type the credentials for the system that has the SharePoint server installed in ePolicy Orchestrator command line.

Example

- REMOTESQLUSER="DomainName\UserName or HostName\UserName"
- REMOTESQLPWD="password"
- IISPORT=45900 (Optional)

7 Schedule the task to run immediately or as required, then click **Next** to view a summary of the task.

8 Click **Save**, then send an agent wake-up call.

TIP: Refer to the *Sending an Agent Wake-up Call* section for instructions.

Sending an Agent Wake-up Call

All systems in the network are managed in the **Systems** tab. The **System Tree** contains all systems that are managed by the ePolicy Orchestrator server. It is the primary interface for managing policies and tasks on these systems. You can organize or sort these systems into logical groups in the **System Tree**.

My Organization is the root of the **System Tree**. It includes a **Lost&Found** group that stores systems whose locations cannot be determined by the server. Depending on the methods you use to create and maintain the **System Tree** segments (systems), the server uses different characteristics to place the systems in the **System Tree**.

NOTE: For information on adding a new system, refer to the *McAfee ePolicy Orchestrator 4.5 Product Guide*.

Task

1 Log on to the ePolicy Orchestrator server as an administrator.

2 Click **Menu** | **Systems** | **System Tree**.

3 Select a group in the **System Tree**.

4 Select the **Computer Name**(s) of that group.

5 Click **Actions** | **Agent** | **Wake Up Agents**. The **Wake Up Agents** page appears.

6 Select a **Wake-up call type** and a **Randomization** period (0-60 minutes) by which the system(s) respond to the wake-up call sent by the ePolicy Orchestrator server.

7 Select **Get full product properties** for the agent(s) to send complete properties instead of sending only those that have changed since the last agent-to-server communication.

8 Click **OK**.

NOTE: Navigate to **Server Task Log** to see the status of the agent wake-up call.

Setting Policies using ePolicy Orchestrator 4.5

ePolicy Orchestrator 4.5 allows you to enforce policies across multiple managed nodes. These policies override configurations set individually on nodes. For information regarding policies and how they are enforced, see the McAfee ePolicy Orchestrator product documentation.

You can create, edit, delete, or assign a policy to a specific group/system.

Tasks

- Creating Policies
- Enforcing Policies

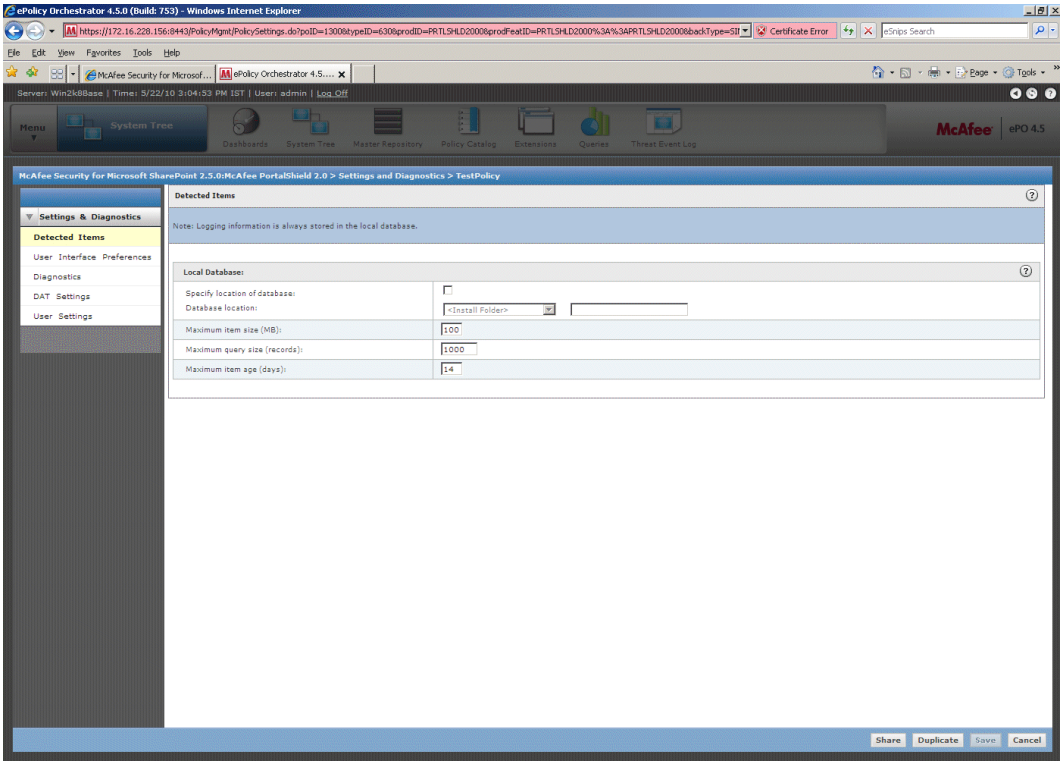
Creating Policies

Using ePolicy Orchestrator 4.5, you can create, edit, delete, or assign a policy to specific group(s) or system(s) in the System Tree.

1. Log on to the ePolicy Orchestrator server as an administrator.
2. Click **Menu** | **Systems** | **System Tree** | **Assigned Policies**.
3. Select Product as **McAfee Security for Microsoft SharePoint 2.5.0**. A list of product policies appear in the lower pane.
4. Locate the required policy, then click **Edit Assignment**.
5. Click **New Policy**. The Create a new policy dialog box appears. Choose **McAfee Default** or **My Default** as required.

   NOTE: The **McAfee Default** policy is read-only and cannot be edited, renamed, or deleted.

6. Type a policy name, notes (optional), then click **OK**. The following screen appears.



7 Configure settings for detected items, user interface preferences, diagnostics, DAT, and user (on-access scanner), then click **Save**.

TIP: For option definitions, click **?** in the ePolicy Orchestrator user interface.

8 Click **Save**.

Enforcing Policies

Using ePolicy Orchestrator 4.5, you can enforce a policy to multiple managed nodes within a group.

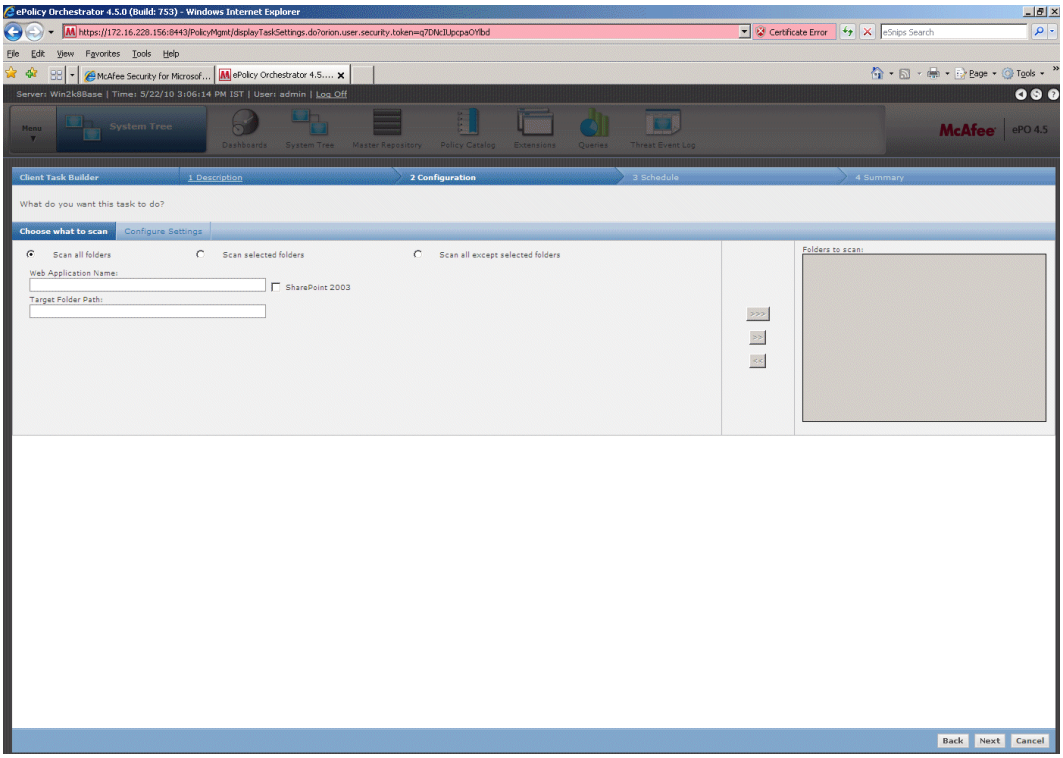
1 Log on to the ePolicy Orchestrator server as an administrator.
2 Click **Menu** | **Systems** | **System Tree** and select the required system(s) or group(s).
3 Click **Actions** | **Agent** | **Modify Policies on a Single System**.
4 Select **McAfee Security for Microsoft SharePoint 2.5.0**, click the link of the required policy, and configure the appropriate policy as required.
5 Click **Save**, then **Close**.
6 Send an agent wake-up call.

TIP: Refer to the *Sending an Agent Wake-up Call* section for instructions.

Scheduling an On-Demand Scan Task

Using ePolicy Orchestrator 4.5, you can schedule multiple on-demand scan tasks to run immediately, at specific times, or at regularly-scheduled intervals across managed nodes.

1 Log on to the ePolicy Orchestrator server as an administrator.
2 Click **Menu** | **Systems** | **System Tree** and select a required group or system(s).
3 Click **Client Tasks** | **Actions** | **New Task**. The Client Task Builder page appears.
4 In Description, type a name, notes (optional) for the on-demand scan task.
5 Select **On Demand Scan (McAfee Security for Microsoft SharePoint 2.5.0)** as the Type of the task, then click **Next**. The following page appears.



6 In Choose what to scan, type the Web Application Name and Target Folder Path and click **>>** to move the folder(s) to Folders to scan.

Example 1:

Web Application Name — SharePoint - 80

Target Folder Path — http://hostname/default/foldername

Example 2:

Web Application Name — STS_WFESPS2003

Target Folder Path — <folder name>/<subfolder name>

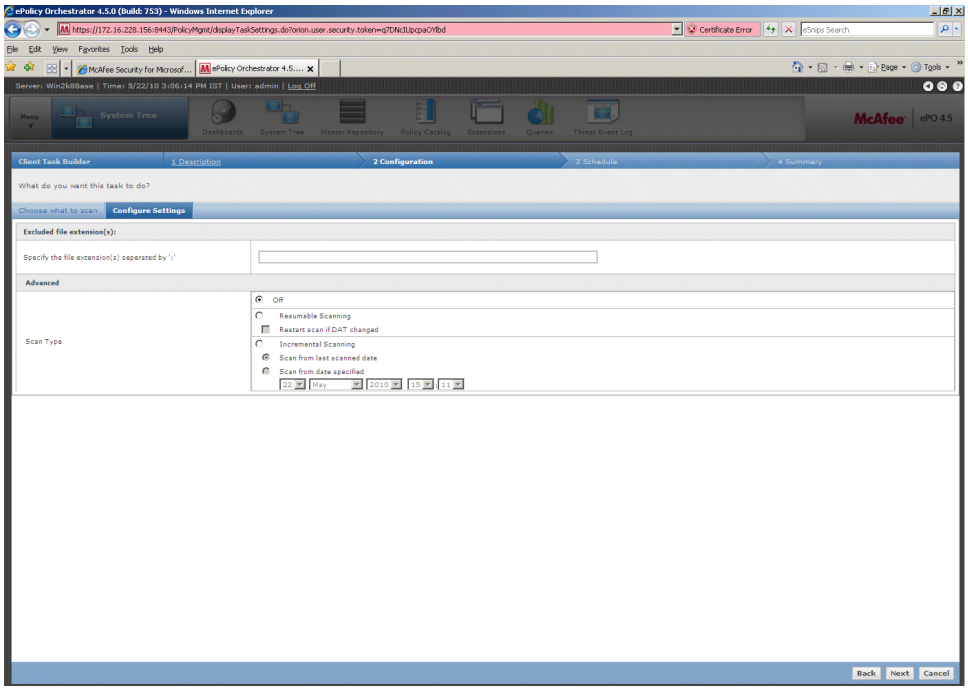
NOTE: Select **SharePoint 2003** to specify the scan target folder path.

7 Select one of the following options:

- **Scan all folders** — All folders in **Folders to scan** will be scanned.
- **Scan selected folders** — Selected folders in **Folders to scan** will be scanned.
- **Scan all except selected folders** — Folders except the selected ones in **Folders to scan** will be scanned.

NOTE: Click **>>>** for recursive scanning. Click **<<** to exclude folder(s) from scanning.

8 In Configure Settings, specify the extensions of files that must be excluded from the scan.



9 Select one of the following options:

- **Off** — To schedule a normal on-demand scan task without resumable and incremental scan options.
- **Resumable Scanning** — To save the last scan so that it can resume from where it has stopped, when started later. You can also select the option **Restart scan if DAT changed** so that, in the event of a DAT update, the scan can be restarted with the updated DATs.
- **Incremental Scanning** — To scan only the newly added items of your SharePoint server. You can select to scan from the last scanned date or even scan by specifying the date and time of the last scan.

NOTE: Resumable scanning, incremental scanning and file extension exclusion is not supported if you are using SharePoint Server 2003.

10 Click **Next** and schedule the task as required.

11 Click **Next** to view the summary of the on-demand scan task.

12 Click **Save**, then send an agent wake-up call.

TIP: Refer to the *Sending an Agent Wake-up Call* section for instructions.

Configuring Reports

Reports are pre-defined queries which query the ePolicy Orchestrator database and generate a graphical output. McAfee ePolicy Orchestrator 4.5 includes a set of default queries on the left pane. However, you can create a new query, edit, and manage all the queries related to McAfee Security for Microsoft SharePoint.

Tasks

- Creating a New Query

▸ Running a Query

Creating a New Query

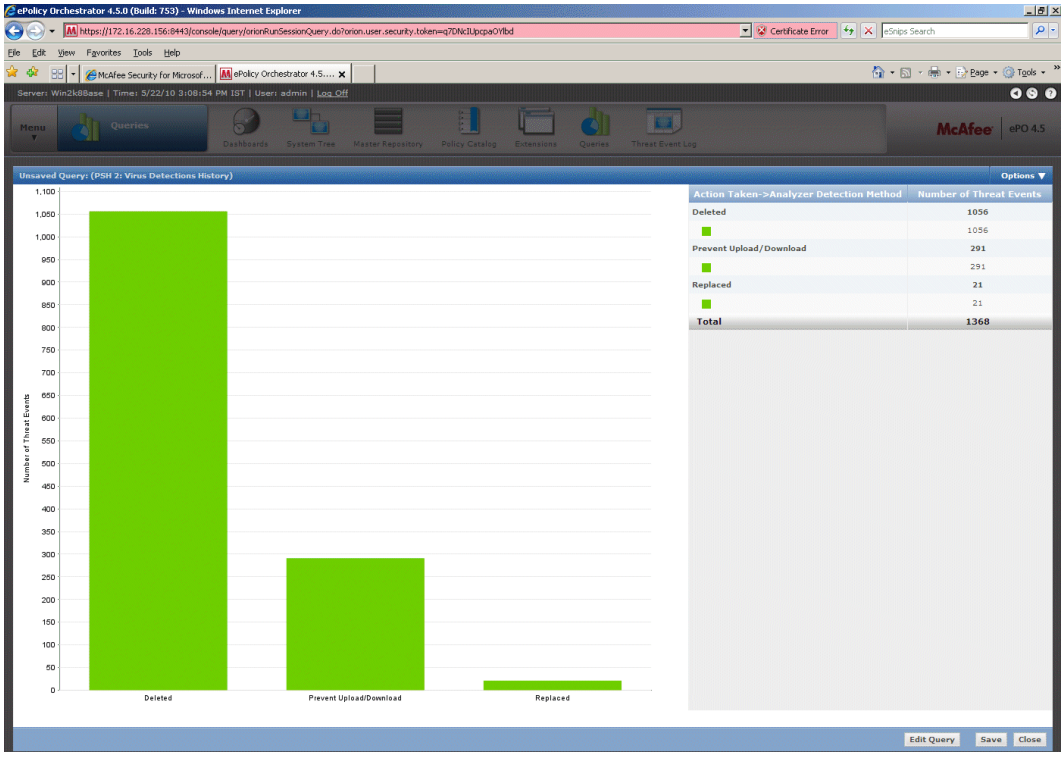
1. Log on to the ePolicy Orchestrator server as an administrator.

   NOTE: If the pre-defined queries on the left side do not serve your purpose, ePolicy Orchestrator enables you to create your own queries.

2. Click **Reporting** | **New Query**. The Result Type page appears.
3. On the left pane, select a data type that the query should retrieve, then click **Next**. The Chart page appears.
4. Select and accordingly configure a display chart/table, then click **Next**. The Columns page appears allowing you to select columns for the chart/table.
5. Select column(s) from the Available Columns pane and click **Next**. The Filter page appears.
6. Specify criteria by selecting properties and operators to limit the data retrieved by the query.
7. Click **Run**, then **Save**. The Save Query page appears.
8. Type a name, notes (optional) for the query, then click **Save**.

Running a Query

1. Log on to the ePolicy Orchestrator server as an administrator.
2. Click **Reporting**. A list of queries appear on the left pane.
3. Select a McAfee Security for Microsoft SharePoint related query from the list, then click **Run**. The graphical output is displayed. A typical graphical output is as follows.



Uninstalling McAfee Security for Microsoft SharePoint using ePolicy Orchestrator 4.5

You can remove the product package and extensions from ePolicy Orchestrator 4.5 and uninstall McAfee Security for Microsoft SharePoint from the managed nodes.

Tasks

- Removing the McAfee Security for Microsoft SharePoint Package from ePolicy Orchestrator 4.5
- Removing Extensions from the ePolicy Orchestrator Server 4.5
- Uninstalling McAfee Security for Microsoft SharePoint from Managed Nodes

Removing the McAfee Security for Microsoft SharePoint Package from ePolicy Orchestrator 4.5

You can check in McAfee Security for Microsoft SharePoint package using the Master Repository page.

1. Log on to the ePolicy Orchestrator server as an administrator.
2. Click **Menu** | **Software** | **Master Repository**. The Packages in Master Repository page appears.
3. Click the **Delete** link of McAfee Security for Microsoft SharePoint, then click **OK**.

Removing Extensions from the ePolicy Orchestrator Server 4.5

1. Log on to the ePolicy Orchestrator server as an administrator.
2. Click **Menu** | **Software** | **Extensions**.
3. Click **McAfee Security for Microsoft SharePoint** on the left pane.
4. Click the **Remove** links of the product and report extensions, one at a time.
5. Select the option **Force removal, bypassing any checks or errors**.

   NOTE: This step is not mandatory, but recommended.

6. Click **OK**.

Uninstalling McAfee Security for Microsoft SharePoint from Managed Nodes

1. Log on to the ePolicy Orchestrator server as an administrator.
2. Click **Menu** | **Systems** | **System Tree**, then select the system(s) from which you want to uninstall McAfee Security for Microsoft SharePoint.
3. Click **Client Tasks** | **Actions** | **New Task**. The Client Task Builder page appears.
4. In Description, type a name, notes (optional) for the task.
5. Select the Type as **Product Deployment**, then click **Next**.
6. In Configuration, select **Windows** as Target Platforms, **McAfee Security for Microsoft SharePoint 2.5.0** as Products and components, and **Remove** as Action, then click **Next**.

7 Schedule the task to run immediately or as required, then click **Next** to view a summary of the task.

8 Click **Save**, then send an agent wake-up call.

TIP: Refer to the *Sending an Agent Wake-up Call* section for instructions.

Appendix A — A Typical Scenario of Creating and Using File Filtering Rule and Actions

This section provides a real-time scenario where you might want to create a file filtering rule in Shared Resource and use this rule to specify actions such as notify the administrator, log, and quarantine all Microsoft PowerPoint files being uploaded to your SharePoint server.

Task

1. From **Policy Manager**, click **Shared Resource**. The Shared Resources page appears.
2. Click the **Filter Rules** tab.
3. In File Filtering Rules, click **Create New**. The File Filtering Rule page appears.

   NOTE: Alternatively, you can create a file filtering rule by performing the following steps:

   1. From **Policy Manager**, select a submenu item **On-Access** or **On-Demand**.
   2. Click on a policy.
   3. Click **File Filtering**, then select **Create new rule** from the Available rules drop-down list.

4. Type a unique **Rule name**. Give the rule a meaningful name, so that you can easily identify it and what it does. For example, PPT_Block.
5. Select **Enable file name filtering** to filter files based on their file names.
6. In Take action when the file name matches, specify the names of the files that must be quarantined, then click **Add**.

   TIP: You can use the * and ? wildcard characters to match multiple filenames. In this case, to filter any Microsoft PowerPoint files, type *.ppt.

7. In File category filtering, select **Enable file category filtering** to enable file filtering according to their file type.
8. In Take action when the file category is, specify the file types that must be quarantined.

   NOTE: File types are divided into categories and subcategories.

9. In File categories, select **Graphics/Presentation**. An asterisk symbol (*) appears next to the file type.
10. In Subcategories, click the following:
    - **Microsoft PowerPoint 2007**
    - **Microsoft PowerPoint 2007 (Encrypted)**
    - **Microsoft PowerPoint 97-2002**
    - **Microsoft PowerPoint Dual 95/97**

    TIP:

- To select more than one subcategory, use Ctrl+Click or Shift+Click.
- To select all of the subcategories, select **All**.
- To undo selections in subcategories, click **Clear selections**.

11 Click **Save**, then **Apply** to return to the Shared Resources page.

12 From **Policy Manager**, a submenu item **On-Access** or **On-Demand**. The policy page for the selected submenu item appears.

13 Click on a policy, then click **File Filtering**.

14 From the Available rules drop-down list, select the rule you created in step 3 (**PPT_Block**).

15 Click the **Change** link of the rule to specify actions that must be taken when a PowerPoint file is uploaded to the SharePoint server. The File Filtering Actions page appears. In this case, select the action as **Replace item with an alert** and also select **Log to Detected Items** and **Quarantine**.

16 Click **Save**, then **Apply**.

17 Upload a Microsoft PowerPoint file to your SharePoint server. The file filtering rule is triggered and the specified actions (of step 15) take place.

Appendix B — Recommended Configurations

This section gives some recommendations you can follow to configure and use your McAfee Security for Microsoft SharePoint software effectively.

- Enable the anti-virus settings for on-access policy.
- Select the **Quarantine** option always so that you can retrieve your files later when required.
- Time for retrieving the SharePoint anti-virus settings on McAfee Security for Microsoft SharePoint dashboard must be less. Default value is 5.
- In User Settings, add all application pools where SharePoint sites are running.
- If you enable file filtering, enable content scanning also. This results in true file type filtering.
- Do not schedule the Purge and Optimization operations at the same time.

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